



# Rabbit Anti-Human CASP6 (Cleaved-Asp179) polyclonal antibody (CABT-L3350)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Rabbit Anti-Human ADD1 (Phospho-Thr445) polyclonal antibody. This antibody detects endogenous levels of fragment of activated Caspase 6 resulting from cleavage adjacent to Asp179. |
| <b>Specificity</b>        | Target Modification: Cleaved.<br>Modification Sites: N/A                                                                                                                            |
| <b>Target</b>             | Human Caspase 6 (Cleaved-Asp179)                                                                                                                                                    |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human Caspase 6.<br>Immunogen range: 130-179                                                                    |
| <b>Isotype</b>            | IgG                                                                                                                                                                                 |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                              |
| <b>Species Reactivity</b> | Human, Rat                                                                                                                                                                          |
| <b>Purification</b>       | Affinity Purified                                                                                                                                                                   |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                        |
| <b>Applications</b>       | WB, IHC, ELISA                                                                                                                                                                      |
| <b>Preparation</b>        | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.                                                                                         |
| <b>Format</b>             | Liquid                                                                                                                                                                              |
| <b>Concentration</b>      | Lot specific                                                                                                                                                                        |
| <b>Size</b>               | 100 µl                                                                                                                                                                              |

|                     |                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------|
| <b>Buffer</b>       | Rabbit IgG in PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl and 50% glycerol. |
| <b>Preservative</b> | 0.02% Sodium Azide                                                                                       |
| <b>Storage</b>      | Stable at -20°C for at least 1 year.                                                                     |
| <b>Ship</b>         | Wet ice                                                                                                  |

## BACKGROUND

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Introduction</b> | This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in two transcript variants that encode different isoforms. |
| <b>Keywords</b>     | CASP6;caspase 6, apoptosis-related cysteine peptidase;MCH2;caspase-6;apoptotic protease MCH-2;caspase 6, apoptosis-related cysteine protease;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## GENE INFORMATION

|                        |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CASP6 caspase 6, apoptosis-related cysteine peptidase [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | CASP6                                                                          |
| <b>Synonyms</b>        | ICE6, MCH2, apoptotic protease Mch-2, caspase-6                                |
| <b>Entrez Gene ID</b>  | <a href="#">839</a>                                                            |
| <b>UniProt ID</b>      | <a href="#">P55212</a>                                                         |