



# Anti-CASP4 polyclonal antibody (DPAB-DC432)

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

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | cysteine-aspartic acid protease (caspase); involved with the terminal stage of apoptosis; may also be involved with response to inflammation [RGD, Feb 2006]                            |
| <b>Specificity</b>         | This antibody detects procaspase-11 (45 KDa), a partially cleaved fragment (30 KDa) and fully cleaved fragment (20 KDa). A 58 KDa unknown identity band was also detected in 3T3 cells. |
| <b>Immunogen</b>           | A synthetic peptide corresponding to residues surrounding amino acids 257 of rat Casp4.   |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Rabbit  |
| <b>Species Reactivity</b>  | Mouse, Rat  |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | WB (Cell lysate),   |
| <b>Format</b>              | Liquid  |
| <b>Size</b>                | 100 µg  |
| <b>Buffer</b>              | In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)  |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.   |

## GENE INFORMATION

**Gene Name** [Casp4 caspase 4, apoptosis-related cysteine peptidase \[ Rattus norvegicus \(Norway rat\) \]](#)

|                            |  |
|----------------------------|--|
| <b>Official Symbol</b>     | CASP4  |
| <b>Synonyms</b>            | CASP4; caspase 4, apoptosis-related cysteine peptidase; Casp11; caspase 4; caspase 11; |
| <b>Entrez Gene ID</b>      | <a href="#">114555</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_446188</a>  |
| <b>UniProt ID</b>          | <a href="#">Q3MHS1</a>   |
| <b>Chromosome Location</b> | 8q11   |
| <b>Pathway</b>             | Apoptosis;   |
| <b>Function</b>            | cysteine-type endopeptidase activity; protein binding; scaffold protein binding;       |