



# Anti-ERBB2IP (aa 1272-1371) polyclonal antibody (DPAB-DC2457)

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

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | This gene is a member of the leucine-rich repeat and PDZ domain (LAP) family. The encoded protein contains 17 leucine-rich repeats and one PDZ domain. It binds to the unphosphorylated form of the ERBB2 protein and regulates ERBB2 function and localization. It has also been shown to affect the Ras signaling pathway by disrupting Ras-Raf interaction. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. |
| <b>Immunogen</b>           | ERBB2IP (NP_061165, 1272 a.a. ~ 1371 a.a) partial recombinant protein with GST tag.<br>The sequence is<br>QGHELAKEIRVRVEKDPGLGFSISGGVGGRGNPFRPDDDGIFVTRVQPEGPASKLLQPG<br>DKIIQANGYSFINIEHGQAVSLLKTFQNTVELIIVREVSS   |
| <b>Source/Host</b>         | Mouse   |
| <b>Species Reactivity</b>  | Human   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | ELISA,  |
| <b>Size</b>                | 50 µl   |
| <b>Buffer</b>              | 50 % glycerol   |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

## GENE INFORMATION

|                            |   |
|----------------------------|---|
| <b>Gene Name</b>           | <a href="#">ERBB2IP erbb2 interacting protein [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b>     | ERBB2IP   |
| <b>Synonyms</b>            | ERBB2IP; erbb2 interacting protein; LAP2; ERBIN; HEL-S-78; protein LAP2; densin-180-like protein; epididymis secretory protein Li 78; |
| <b>Entrez Gene ID</b>      | <a href="#">55914</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_001006600</a>  |
| <b>UniProt ID</b>          | <a href="#">Q96RT1</a>  |
| <b>Chromosome Location</b> | 5q12.3  |
| <b>Pathway</b>             | Alpha6-Beta4 Integrin Signaling Pathway; NOD pathway; Signal Transduction; TGF-beta Receptor Signaling Pathway                        |
| <b>Function</b>            | ErbB-2 class receptor binding; integrin binding; protein binding; structural constituent of cytoskeleton                              |