



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

Antigen Description	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.
Immunogen	ERBB2IP (NP_061165, 1272 a.a. ~ 1371 a.a) partial recombinant protein with GST tag. The sequence is QGHELAKQEIRVRVEKDPELGFISGGVGGRGNPFRPDDDGIFVTRVQPEGPASKLLQPG DKIIQANGYSFINIEHGQAVSLLKTFQNTVELIIVREVSS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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