



Mouse anti-Human ERBB2IP monoclonal antibody, clone 21H2 (CABT-B10202)

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

PRODUCT INFORMATION

Immunogen	ERBB2IP (NP_061165, 1272 a.a. ~ 1372 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	21H2
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	QGHELAKEIRVRVEKDPGLGFSISGGVGGRGNPFRPDDDGIFVTRVQPEGPASKLLQPG DKIIQANGYSFINIEHGQAVSLLKTFQNTVELIIVREVSS*
Format	Liquid
Size	50 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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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.
[provided by RefSeq, Nov 2011]

Keywords	ERBB2IP; erbb2 interacting protein; LAP2; ERBIN; HEL-S-78; protein LAP2; densin-180-like protein; epididymis secretory protein Li 78;
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GENE INFORMATION

Entrez Gene ID	55914
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UniProt ID	Q96RT1
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Pathway	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; NLR proteins, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem
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Function	ErbB-2 class receptor binding; integrin binding; protein binding; structural constituent of cytoskeleton
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