



Anti-MIB1 (aa 909-1006) polyclonal antibody (DPAB-DC2597)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein containing multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase. The encoded protein positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis. This protein may also promote the ubiquitination and degradation of death-associated protein kinase 1 (DAPK1).
Immunogen	MIB1 (NP_065825, 909 a.a. ~ 1006 a.a) partial recombinant protein with GST tag. The sequence is PFIMCCGGKSSDATDDISSGNIPVLQKDKDNTNVNADVQKLQQLQDIKEQTMCPVCLD RLKNMIFLCGHGTCQLCGDRMSECPICRKAIERILLY
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), 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 [MIB1 mindbomb E3 ubiquitin protein ligase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol	MIB1
Synonyms	MIB1; mindbomb E3 ubiquitin protein ligase 1; MIB; DIP1; ZZZ6; DIP-1; LVNC7; ZZANK2; E3 ubiquitin-protein ligase MIB1; DAPK-interacting protein 1; ubiquitin ligase mind bomb; zinc finger ZZ type with ankyrin repeat domain protein 2;
Entrez Gene ID	57534
Protein Refseq	NP_065825
UniProt ID	Q86YT6
Chromosome Location	18q11.2
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants; Disease; NOTCH2 Activation and Transmission of Signal to the Nucleus
Function	ligase activity; protein binding; ubiquitin-protein transferase activity; zinc ion binding