

E3 ubiquitin-protein ligase MIB1 Polyclonal Conjugated Antibody

Catalog No: #C42567

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #C42567-AF350 100ul #C42567-AF405 100ul #C42567-AF488 100ul

#C42567-AF555 100ul #C42567-AF594 100ul #C42567-AF647 100ul

#C42567-AF680 100ul #C42567-AF750 100ul #C42567-Biotin 100ul

Description

Product Name	E3 ubiquitin-protein ligase MIB1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total E3 ubiquitin-protein ligase MIB1 polyclonal antibody.
Immunogen Description	Recombinant human E3 ubiquitin-protein ligase MIB1 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DAPK-interacting protein 1,DIP-1,Mind bomb homolog 1 Zinc finger ZZ type with ankyrin repeat domain protein 2,DIP1, KIAA1323, ZZANK2,MIB1
Accession No.	Swiss-Prot#:Q86YT6
Uniprot	Q86YT6
GeneID	57534;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	111
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis (By similarity). Involved in ubiquitination of centriolar satellite CEP131, CEP290 and PCM1 proteins and hence inhibits primary cilium formation in proliferating cells. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation.

Note: This product is for in vitro research use only