

# MIB1 Rabbit mAb

Catalog # AP75718

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q86YT6</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	110136

## Additional Information

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<b>Gene ID</b>	57534
<b>Other Names</b>	MIB1
<b>Dilution</b>	WB~~1/500-1/1000
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

## Protein Information

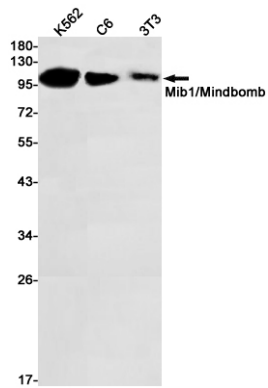
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<b>Name</b>	MIB1
<b>Synonyms</b>	DIP1, KIAA1323, ZZANK2
<b>Function</b>	E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by 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.
<b>Cellular Location</b>	Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Cell membrane. Note=Localizes to the plasma membrane (By similarity) According to PubMed:15048887, it is mitochondrial, however such localization remains unclear. Displaced from centriolar satellites in response to cellular stress, such as ultraviolet light (UV) radiation or heat shock.
<b>Tissue Location</b>	Widely expressed at low level. Expressed at higher level in spinal cord, ovary,

whole brain, and all specific brain regions examined.

## Images

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