



# MIB1 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-10620
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	MIB1 DIP1 KIAA1323 ZZANK2
<b>Protein Name</b>	mindbomb homolog 1 (Drosophila)
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 901-950
<b>Specificity</b>	The antibody detects endogenous MIB1 protein
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MIB1 DIP1 KIAA1323 ZZANK2
<b>Observed Band</b>	130kD
<b>Cell Pathway</b>	Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite . Cell membrane . 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 Specificity</b>	Widely expressed at low level. Expressed at higher level in spinal cord, ovary, whole brain, and all specific brain regions examined.
<b>Function</b>	function: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.,miscellaneous:In epilepsy brain tissue, levels of expression are increased in the cytoplasm and microsomal fractions (endoplasmic reticulum).,pathway:Protein modification; protein ubiquitination.,PTM:Ubiquitinated. Possibly via autoubiquitination.,similarity:Contains 1 ZZ-type zinc finger.,similarity:Contains 2 MIB/HERC2 domains.,similarity:Contains 3 RING-type zinc fingers.,similarity:Contains 9 ANK repeats.,subcellular location:Localizes to the pl

**Background**

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). [provided by RefSeq, Jun 2013],

**matters needing attention**

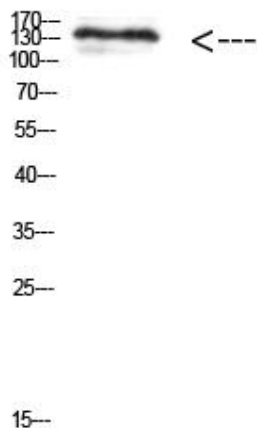
Avoid repeated freezing and thawing!

**Usage suggestions**

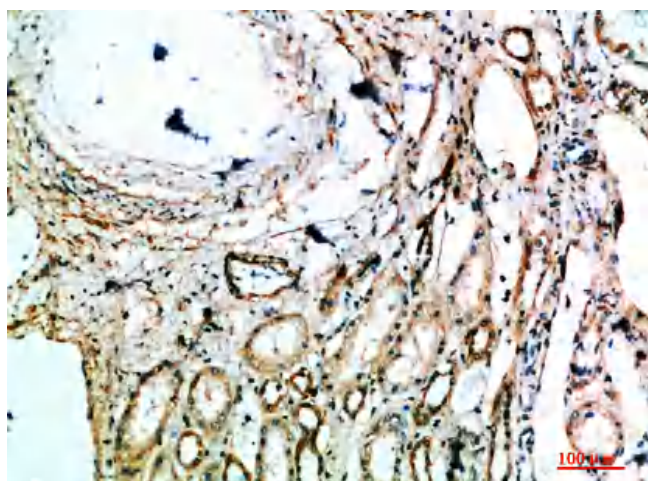
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



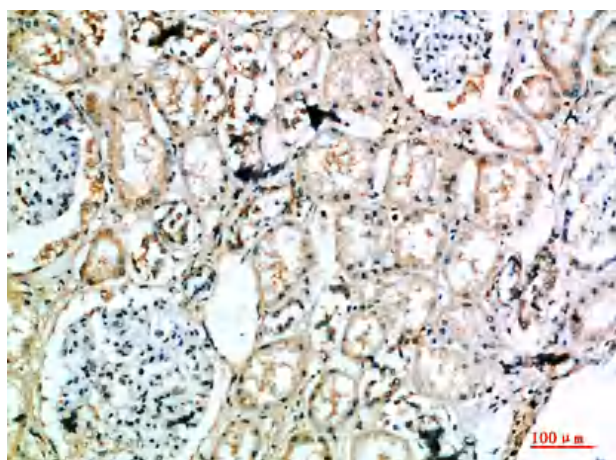
## Products Images



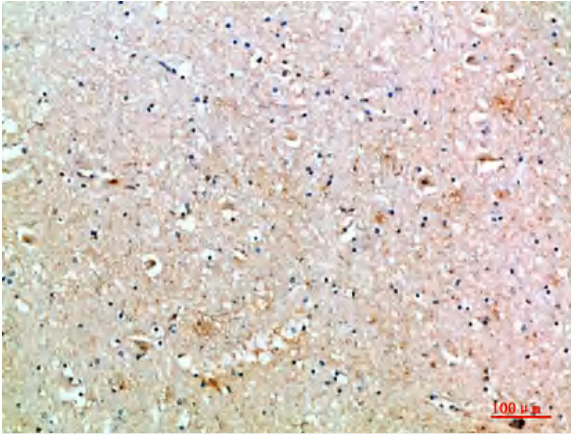
Western Blot analysis of 293t cells using Antibody diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



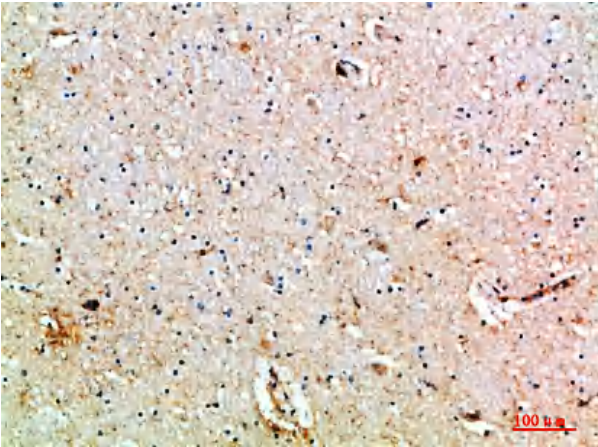
Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

