

## RIMB1 rabbit pAb

<b>Catalog No :</b>	YT7603
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC
<b>Target :</b>	RIMB1
<b>Gene Name :</b>	BZRAP1 KIAA0612 RBP1 RIMBP1
<b>Protein Name :</b>	RIMB1
<b>Human Gene Id :</b>	9256
<b>Human Swiss Prot No :</b>	O95153
<b>Mouse Gene Id :</b>	207777
<b>Mouse Swiss Prot No :</b>	Q7TNF8
<b>Rat Swiss Prot No :</b>	Q9JIR0
<b>Immunogen :</b>	Synthesized peptide derived from human RIMB1 AA range: 24-74
<b>Specificity :</b>	This antibody detects endogenous levels of RIMB1 at Human/Mouse/Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year (Do not lower than -25°C)

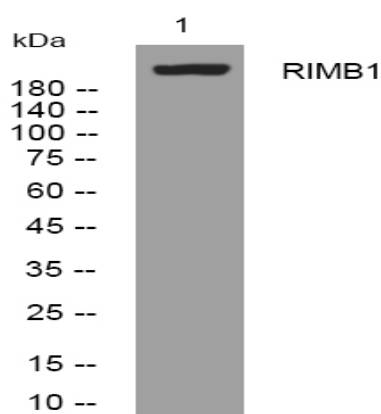
**Molecularweight :** 204kD

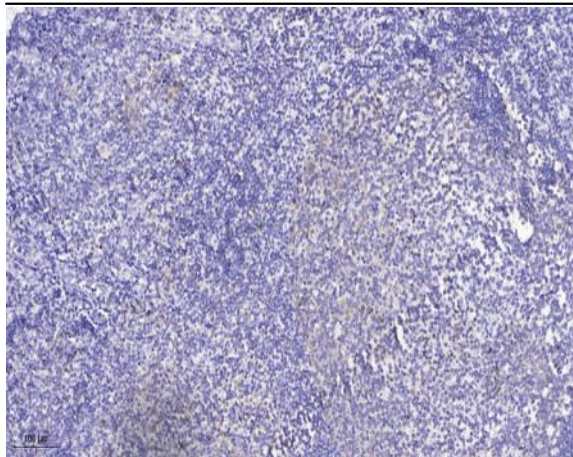
**Function :** caution:PubMed:9915832 demonstrated interaction with BZRP but later PubMed:12435798 demonstrated in the rat ortholog that is not associated with BZRP in the brain.,domain:The SH3 and proline-rich domain is required for the interaction with BZRP and the second SH3 domain mediates binding to a proline-rich motif in RIMS1 and RIMS2.,similarity:Belongs to the RIMBP family.,similarity:Contains 3 fibronectin type-III domains.,similarity:Contains 3 SH3 domains.,subcellular location:Preferentially expressed in the mitochondria in the presence of BZRP.,subunit:Interacts with RIMS1 and RIMS2 (By similarity). Interacts with BZRP.,tissue specificity:Predominantly expressed in brain, pituitary gland and thymus in adults. In adult brain, highest expression found in temporal lobe and the putamen, followed by amygdala, caudate nucleus, cerebral cortex, occipital and frontal lobe. A high expression level

**Subcellular Location :** Cytoplasm . Mitochondrion . Preferentially expressed in the mitochondria in the presence of TSPO.

**Expression :** Predominantly expressed in brain, pituitary gland and thymus in adults. In adult brain, highest expression found in temporal lobe and the putamen, followed by amygdala, caudate nucleus, cerebral cortex, occipital and frontal lobe. A high expression level is also observed in fetal tissues like brain, heart, kidney and thymus.

## Products Images





Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4 ° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).