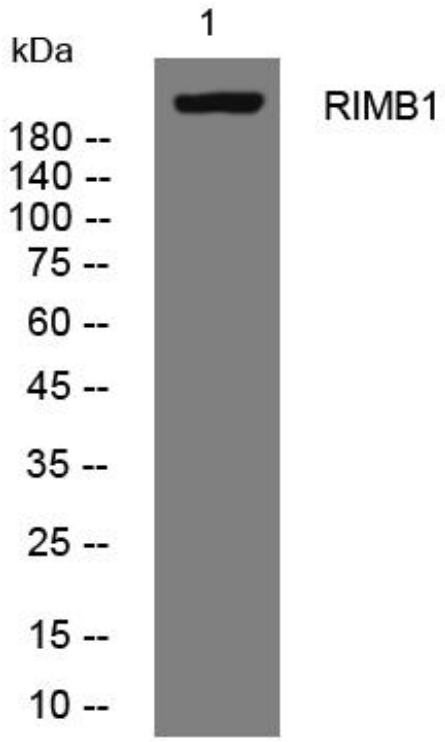
RIMB1 mouse mAb

Catalog No	YP-mAb-12237
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BZRAP1 KIAA0612 RBP1 RIMBP1
Immunogen	Synthesized peptide derived from human RIMB1 AA range: 24-74
Specificity	This antibody detects endogenous levels of RIMB1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BZRAP1;DKFZp686F02123;KIAA0612;PBR IP;PRAX 1;PRAX1;RBP1;RIM BP1; RIMBP1;RIMS binding protein 1;RIMB1;BZRAP1 KIAA0612 RBP1 RIMBP1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm . Mitochondrion . Preferentially expressed in the mitochondria in the presence of TSPO.
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 is also observed in fetal tissues like brain, heart, kidney and thymus.
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
Background	
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 various cells using RIMB1 mouse mAb