



RBM15 Rabbit pAb

Catalog No	YP-Ab-18702
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	RBM15 OTT OTT1
Immunogen	Synthesized peptide derived from human LGI1
Specificity	This antibody detects endogenous levels of LGI1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OTT;OTT1;SPEN;RBM15;RBM15 OTT OTT1;Putative RNA-binding protein 15 (One-twenty two protein 1) (RNA-binding motif protein 15)
Observed Band	120kDa
Calculated Molecular Weight	107kDa
Cell Pathway	Nucleus speckle . Nucleus, nucleoplasm . Nucleus envelope . Nucleus membrane ; Peripheral membrane protein . Colocalizes at the nuclear pore with DBP5 and NXF1. .
Tissue Specificity	Predominantly expressed in neural tissues, especially in brain. Expression is reduced in low-grade brain tumors and significantly reduced or absent in malignant gliomas. Isoform 1 is absent in the cerebellum and is detectable in the occipital cortex and hippocampus; higher amounts are observed in the parietal and frontal cortices, putamen, and, particularly, in the temporal neocortex, where it is 3.5 times more abundant than in the hippocampus (at protein level). Isoform 3 shows the highest expression in the occipital cortex and the lowest in the hippocampus (at protein level).
Function	Regulates voltage-gated potassium channels assembled from KCNA1, KCNA4 and KCNAB1. It slows down channel inactivation by precluding channel closure mediated by the KCNAB1 subunit. Ligand for ADAM22 that positively regulates



synaptic transmission mediated by AMPA-type glutamate receptors (By similarity). Plays a role in suppressing the production of MMP1/3 through the phosphatidylinositol 3-kinase/ERK pathway. May play a role in the control of neuroblastoma cell survival.

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