



RBP10 Polyclonal Antibody

Catalog No	YP-Ab-07686
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RANBP10 KIAA1464
Immunogen	Synthesized peptide derived from part region of human protein AA range: 353-403
Specificity	RBP10 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hRPB7.6;hsRPB10b;POLR2L;RBP10;RPABC5;RPB10;RPB10 homolog; RPB10beta;RPB7.6;RANBP10 KIAA1464;Ran-binding protein 10 (RanBP10)
Observed Band	8 kDa
Calculated Molecular Weight	67 aa, 8 kDa
Cell Pathway	Cytoplasm, cytosol . Nucleus . Predominantly cytoplasmic.
Tissue Specificity	Broadly expressed, with highest levels in skeletal muscle.
Function	domain:The SPRY domain mediates the interaction with MET.,function:May act as an adapter protein to couple membrane receptors to intracellular signaling pathways. In contrast to RANBP9, does not interact with Sos and does not activate the Ras pathway.,similarity:Belongs to the RANBP9/10 family.,similarity:Contains 1 B30.2/SPRY domain.,similarity:Contains 1 CTLH domain.,similarity:Contains 1 LisH domain.,subunit:Interacts with RAN. Interacts with the HGF receptor MET.,tissue specificity:Broadly expressed, with highest levels in skeletal muscle.,

Background

RAN binding protein 10(RANBP10) Homo sapiens RAN is a small GTPase involved in the assembly of microtubules to form mitotic spindles. The protein encoded by this gene is a cytoplasmic guanine nucleotide exchange factor (GEF) that binds beta-tubulin and has GEF activity toward RAN. The encoded protein plays a role in the formation of noncentrosomal microtubules. In addition, this protein may be involved in the regulation of D(1) receptor signaling by protein kinase C delta and protein kinase C gamma. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016],

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