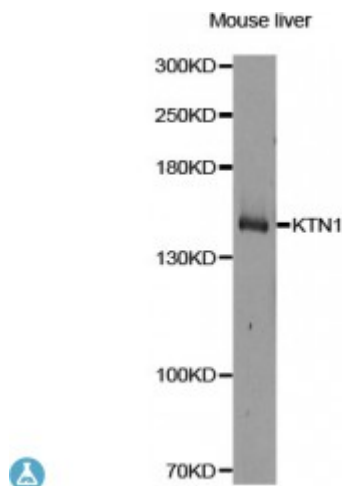


Anti-KTN1 Antibody



Description

This gene encodes an integral membrane protein that is a member of the kinectin protein family. The encoded protein is primarily localized to the endoplasmic reticulum membrane. This protein binds kinesin and may be involved in intracellular organelle motility. This protein also binds translation elongation factor-delta and may be involved in the assembly of the elongation factor-1 complex. Alternate splicing results in multiple transcript variants of this gene.

Model	STJ115951
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 25-125 of human KTN1 (NP_001072989.1).
Gene ID	3895
Gene Symbol	KTN1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	High levels in peripheral blood lymphocytes, testis and ovary, lower levels in spleen, thymus, prostate, small intestine and colon
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Kinectin CG-1 antigen Kinesin receptor

Molecular Weight	156.275 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6467OMIM:600381Reactome:R-HSA-381426
Alternative Names	Kinectin CG-1 antigen Kinesin receptor
Function	Receptor for kinesin thus involved in kinesin-driven vesicle motility, Accumulates in integrin-based adhesion complexes (IAC) upon integrin aggregation by fibronectin
Cellular Localization	Endoplasmic reticulum membrane

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