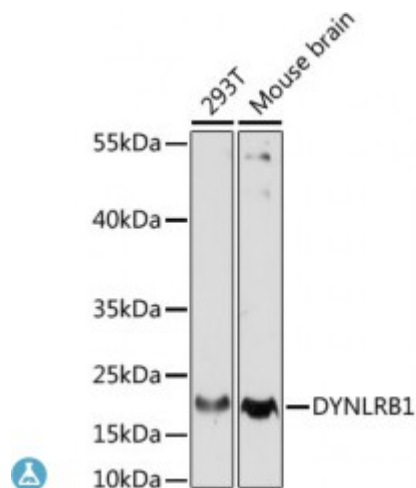


Anti-DYNLRB1 Antibody



Description

This gene is a member of the roadblock dynein light chain family. The encoded cytoplasmic protein is capable of binding intermediate chain proteins, interacts with transforming growth factor-beta, and has been implicated in the regulation of actin modulating proteins. Upregulation of this gene has been associated with hepatocellular carcinomas, suggesting that this gene may be involved in tumor progression. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 12 and 18.

Model	STJ117391
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-63 of human DYNLRB1 (NP_001268656.1).
Gene ID	83658
Gene Symbol	DYNLRB1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	High expression in heart, liver, brain and pancreas
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Dynein light chain roadblock-type 1 Bithoraxoid-like protein BLP Dynein light chain 2A cytoplasmic Dynein-associated protein Km23 Roadblock

	domain-containing protein 1
Molecular Weight	10.922 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:15468 OMIM:607167 Reactome:R-HSA-5620924
Alternative Names	Dynein light chain roadblock-type 1 Bithoraxoid-like protein BLP Dynein light chain 2A cytoplasmic Dynein-associated protein Km23 Roadblock domain-containing protein 1
Function	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function, Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules
Cellular Localization	Cytoplasm, cytoskeleton