



DLRB1 Polyclonal Antibody

Catalog No	YP-Ab-05545
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	DYNLRB1 BITH DNCL2A DNLC2A ROBLD1 HSPC162
Immunogen	Synthesized peptide derived from part region of human protein AA range: 1-50
Specificity	DLRB1 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	DLRB1;DYNLRB1 BITH DNCL2A DNLC2A ROBLD1 HSPC162;Dynein light chain roadblock-type 1 (Bithoraxoid-like protein) (BLP) (Dynein light chain 2A; cytoplasmic) (Dynein-associated protein Km23) (Roadblock domain-containing protein 1)
Observed Band	10kD
Calculated Molecular Weight	10kD
Cell Pathway	Cytoplasm, cytoskeleton.
Tissue Specificity	High expression in heart, liver, brain and pancreas; moderate in placenta, skeletal muscle and kidney; low in lung, prostate, testis, small intestine and colon. Isoform 1 expression is up-regulated in 64% hepatocellular carcinoma (HCC) patients.
Function	alternative products:Additional isoforms seem to exist,function:May be involved in assembly and motor function of dynein, which plays a central role in cell division and intracellular transport.,miscellaneous:Isoform 1 expression is up-regulated in 64% hepatocellular carcinoma (HCC) patients.,similarity:Belongs to the GAMAD family.,subunit:Homodimer.,tissue specificity:High expression in heart, liver, brain and pancreas; moderate in placenta, skeletal muscle and kidney; low in lung, prostate, testis, small intestine and colon.,



Background

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. [provided by RefSeq, Aug 2013],

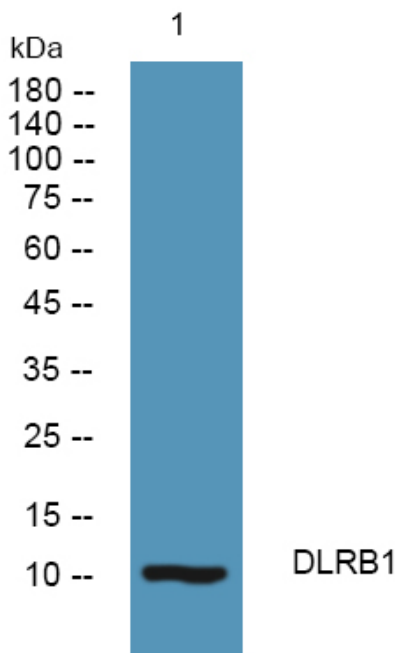
matters needing attention

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 lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night