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DYNLRB2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10258C

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8TF09
Other Accession	Q9DAJ5, Q32P85, NP_570967.1
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27561
Calculated MW	10855
Antigen Region	49-77

Additional Information

Gene ID	83657
Other Names	Dynein light chain roadblock-type 2, Dynein light chain 2B, cytoplasmic, Roadblock domain-containing protein 2, DYNLRB2, DNCL2B, DNLC2B, ROBLD2
Target/Specificity	This DYNLRB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-77 amino acids from the Central region of human DYNLRB2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DYNLRB2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

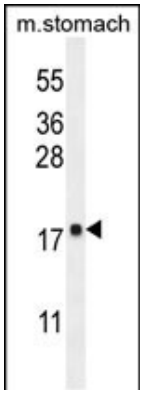
Name	DYNLRB2
Synonyms	DNCL2B, DNLC2B, ROBLD2

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 Location	Cytoplasm, cytoskeleton.
Tissue Location	High expression in heart, brain, placenta, skeletal muscle, prostate and small intestine; moderate in kidney, pancreas, spleen, testis, ovary and colon; low in lung, liver, thymus and leukocyte

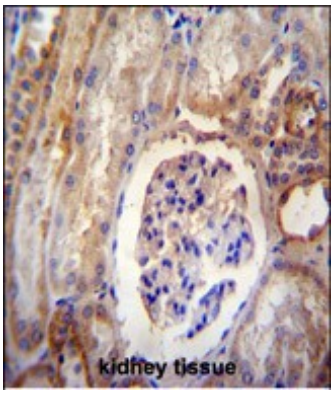
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Dastani, Z., et al. Eur. J. Hum. Genet. 18(3):342-347(2010)
Jin, Q., et al. J. Cell. Physiol. 221(3):707-715(2009)
Meyre, D., et al. Nat. Genet. 41(2):157-159(2009)
Pfister, K.K., et al. J. Cell Biol. 171(3):411-413(2005)

Images



DYNLCat. #2 Antibody (Center) (Cat. #AP10258c) western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the DYNLCat. #2 antibody detected the DYNLCat. #2 protein (arrow).



DYNLRB2 antibody (Center) (Cat. #AP10258c) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of the DYNLRB2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Validation of an oligo-gene signature for the prognostic stratification of ductal carcinoma in situ (DCIS).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.