

For Research Use Only

BICD2 Polyclonal antibody

Catalog Number: 29603-1-AP



Basic Information

Catalog Number: 29603-1-AP	GenBank Accession Number: BC073970	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 23299	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: bicaudal D homolog 2 (Drosophila)	
Isotype: IgG	Calculated MW: 855 aa, 97 kDa	
Immunogen Catalog Number: AG31279	Observed MW: 93-96 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, Hela cells, Jurkat cells, K-562 cells, MCF-7 cells
Species Specificity: Human	

Background Information

Protein bicaudal D homolog 2 (BICD2) acts as an adapter protein linking the dynein motor complex to various cargos and converts dynein from a non-processive to a highly processive motor in the presence of dynactin. Facilitates and stabilizes the interaction between dynein and dynactin and activates dynein processivity (the ability to move along a microtubule for a long distance without falling off the track). Facilitates the binding of RAB6A to the Golgi by stabilizing its GTP-bound form. Regulates coat complex coatamer protein I (COPI)-independent Golgi-endoplasmic reticulum transport via its interaction with RAB6A and recruitment of the dynein-dynactin motor complex (PubMed:25962623).

Storage

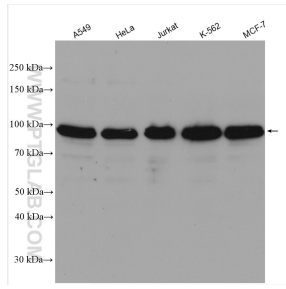
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29603-1-AP (BICD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.