

For Research Use Only

DIAPH2 Polyclonal antibody

Catalog Number: 31304-1-AP



Basic Information

Catalog Number: 31304-1-AP	GenBank Accession Number: NM_006729.4	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 1730	Recommended Dilutions: WB 1:2000-1:10000
Source: Rabbit	UNIPROT ID: O60879	
Isotype: IgG	Full Name: diaphanous homolog 2 (Drosophila)	
Immunogen Catalog Number: AG35280	Calculated MW: 126kDa	
	Observed MW: 126-130 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, HEK-293T cells
Species Specificity: Human	

Background Information

In vertebrates, three DRF genes (DIAPH1, DIAPH2 and DIAPH3) are the orthologs of the Drosophila melanogaster diaphanous (dia) gene, which has important roles in fertility and hearing in the fly. DIAPH1 and DIAPH3 have been associated with different types of hearing loss (HL). DIAPH2, located on chromosome Xq21.33, until now it has only been linked to premature ovarian failure 2 (POF2A). (PMID: 36689403)

Storage

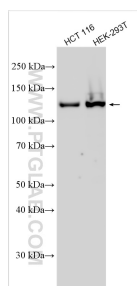
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31304-1-AP (DIAPH2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.