

For Research Use Only

WDR73 Polyclonal antibody

Catalog Number: 29997-1-AP



Basic Information

Catalog Number: 29997-1-AP	GenBank Accession Number: BC063392	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 84942	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	Full Name: WD repeat domain 73	
Isotype: IgG	Observed MW: 41 kDa	
Immunogen Catalog Number: AG31818		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse kidney tissue, mouse cerebellum tissue, rat kidney tissue
Species Specificity: Human, mouse, rat	

Background Information

WDR73 contains multiple WD40 repeat domains that function as scaffolds for the assembly of protein complexes. WDR73 was present in the brain and kidney and was located diffusely in the cytoplasm during interphase but relocalized to spindle poles and astral microtubules during mitosis. WDR73 interacts with microtubules to regulate cell cycle progression, proliferation, and survival in the brain and kidney (PMID: 26070982). Reduced expression of WDR73 results in abnormalities in the size and morphology of the nucleus. Mutations in WDR73 have been associated with Galloway-Mowat syndrome, which is a rare autosomal recessive disorder that affects both the central nervous system and the kidney (PMID: 25466283).

Storage

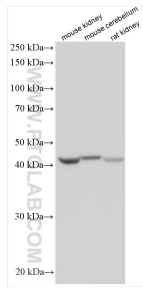
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 29997-1-AP (WDR73 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.