

For Research Use Only

WDR73 Polyclonal antibody

Catalog Number: 29997-1-AP

1 Publications



Basic Information

Catalog Number: 29997-1-AP	GenBank Accession Number: BC063392	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop;	GeneID (NCBI): 84942	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:300-1:1200
Source: Rabbit	UNIPROT ID: Q6P4I2	
Isotype: IgG	Full Name: WD repeat domain 73	
Immunogen Catalog Number: AG31818	Observed MW: 41 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: IP	WB : mouse kidney tissue, mouse cerebellum tissue, rat kidney tissue
Species Specificity: human, mouse, rat	IHC : human ovary cancer tissue,
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Kevin Sabath	39032489	Mol Cell	IP

Storage

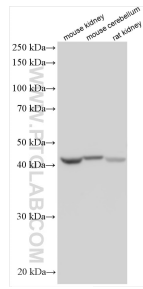
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

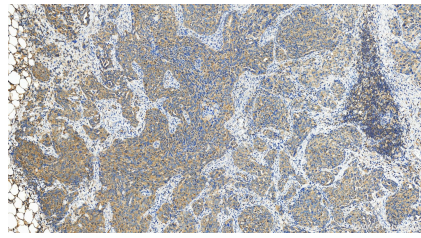
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29997-1-AP (WDR73 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 29997-1-AP (WDR73 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).