

WDR73 Polyclonal antibody

Catalog Number: 29997-1-AP

1 Publications

Basic Information

Catalog Number:

29997-1-AP

Size:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31818

GenBank Accession Number:

BC063392

GeneID (NCBI):

84942

UNIPROT ID:

Q6P4I2

Full Name:

WD repeat domain 73

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IHC 1:300-1:1200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IP

Species Specificity:

human, mouse, rat

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**

Positive Controls:

WB : mouse kidney tissue, mouse cerebellum tissue, rat kidney tissue

IHC : human ovary cancer tissue,

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

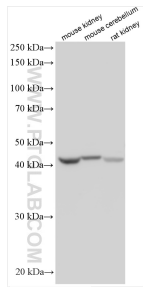
For technical support and original validation data for this product please contact:

T: 4006900926

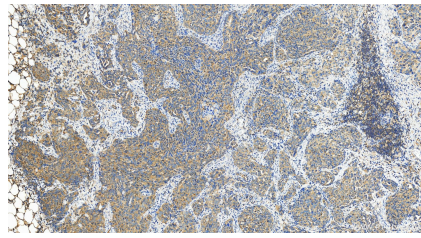
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Selected Validation Data



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).