

For Research Use Only

SH2D3A Polyclonal antibody

Catalog Number: 15641-1-AP

1 Publications



Basic Information

Catalog Number: 15641-1-AP	GenBank Accession Number: BC006281	Purification Method: Antigen affinity purification
Concentration: 400 ug/ml	GeneID (NCBI): 10045	Recommended Dilutions: WB: 1:500-1:1000 IHC: 1:200-1:800 IF/ICC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BRG2	
Isotype: IgG	Full Name: SH2 domain containing 3A	
Immunogen Catalog Number: AG8132	Calculated MW: 576 aa, 63 kDa Observed MW: 64 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells IHC : human ovary cancer tissue, IF/ICC : HeLa cells,
Cited Applications: WB	
Species Specificity: human	
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

SH2 domain containing 3A (SH2D3A) is a novel SH2-containing protein 1 (NSP1) with proline-rich domains and therefore probably involved in the signal-transduction of some ligand-activated tyrosine kinase receptors. Three phosphorylation sites of NSP1 have been found to date. NSP1 may be located at cell membrane play a role in JNK activation.

Notable Publications

Author	Pubmed ID	Journal	Application
Ok Hyun Park	30930054	Mol Cell	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

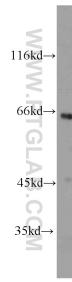
T: 4006900926

E: Proteintech-CN@ptglab.com

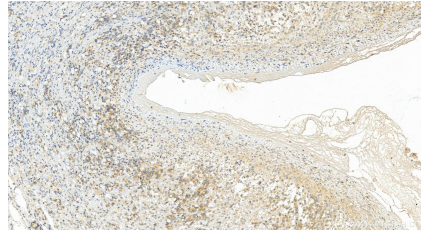
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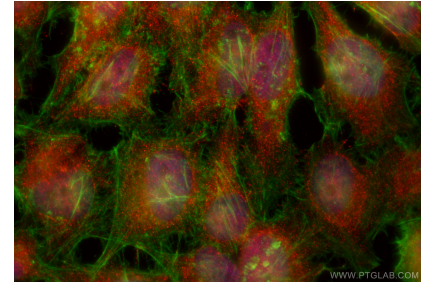
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 15641-1-AP (SH2D3A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 15641-1-AP (SH2D3A antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SH2D3A antibody (15641-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green).