

For Research Use Only

Syntenin 2 Polyclonal antibody

Catalog Number:10407-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 10407-1-AP	GenBank Accession Number: BC002727	Purification Method: Antigen affinity purification
Size: 560 ug/ml	GeneID (NCBI): 27111	Recommended Dilutions: WB 1:500-1:1000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q9H190	
Isotype: IgG	Full Name: syndecan binding protein (syntenin) 2	
Immunogen Catalog Number: AG0668	Calculated MW: 32 kDa	
	Observed MW: 35-37 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 brain tissue, human liver tissue, mouse heart tissue

IHC : human breast cancer tissue, human gliomas tissue, rat colon tissue, human stomach cancer tissue

Background Information

Syndecan-binding protein 2 (SDCBP2, Syntenin 2) is a protein containing two PDZ domains. PDZ domains facilitate protein-protein interactions by binding to the cytoplasmic C-terminus of transmembrane proteins. SDCBP2 binds with high affinity to PIP2 and is targeted to the plasma membrane, nucleoli and nuclear speckles via its PDZ domains (PMID: 15961997). SDCBP2 exists in two alternatively spliced variants, 2 α and 2 β , which differ in the lengths of their N-terminal regions. (PMID: 15276154)

Notable Publications

Author	Pubmed ID	Journal	Application
Benjamin Marx	28970821	Front Microbiol	WB, IHC, IF
Jing Guo	31849582	Front Neurosci	WB
Zhiying Tian	36624474	Gut Pathog	IF

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:

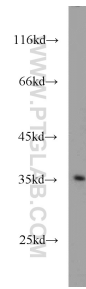
T: 4006900926

E: Proteintech-CN@ptglab.com

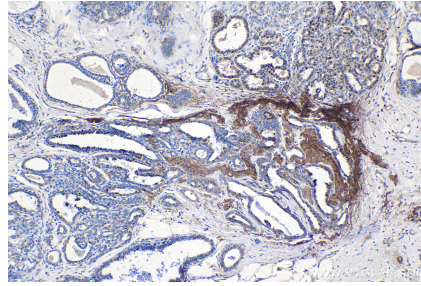
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

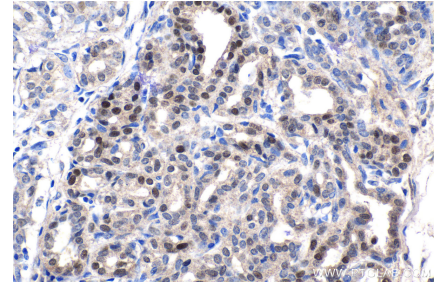
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10407-1-AP (Syntenin 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10407-1-AP (Syntenin 2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10407-1-AP (Syntenin 2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).