

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: 150ul , Concentration: 560 µg/ml by Nanodrop and 560 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27111	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: syndecan binding protein (syntenin) 2	
Isotype: IgG	Calculated MW: 32 kDa	
Immunogen Catalog Number: AG0668	Observed MW: 35-37 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

CoIP, IF, IHC, WB

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

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

*** 20ul sizes contain 0.1% BSA

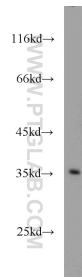
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

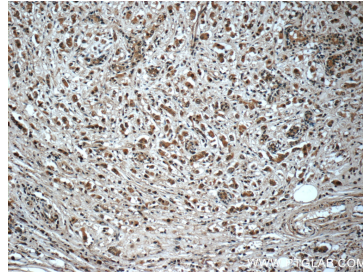
E: proteintech@ptglab.com
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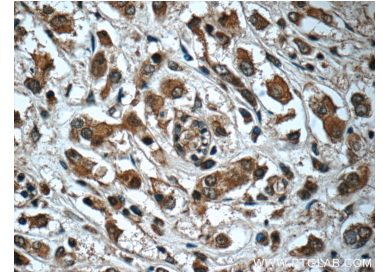
Selected Validation Data



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 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10407-1-AP (Syntenin 2 antibody at dilution of 1:50 (under 40x lens).