

## Syntenin 2 Polyclonal Antibody

Catalog number: 10407-1-AP

Size: 84 µg/150 µl

Source: Rabbit

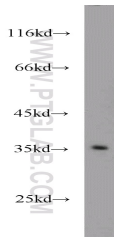
Isotype: IgG

Synonyms:

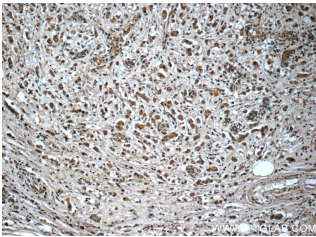
SDCBP2; FLJ12256, SDCBP2,

SITAC18, ST 2, Syndecan

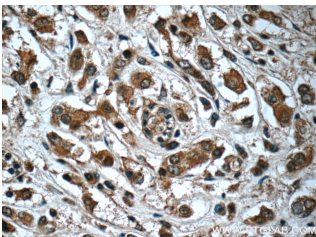
binding protein 2, Syntenin 2



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10407-1-AP(SDCBP2 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10407-1-AP(SDCBP2 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10407-1-AP(SDCBP2 Antibody) at dilution of 1:50 (under 40x lens)

### Background

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 $\alpha$  and 2 $\beta$ , which differ in the lengths of their N-terminal regions. (PMID: 15276154)

### Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated Syntenin 2 MW:	31.6 kDa
Observed Syntenin 2 MW:	35-37kd
Positive WB detected in	Mouse brain tissue, human liver tissue, mouse heart tissue
Positive IHC detected in	Human breast cancer tissue, human gliomas tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0668
GenBank accession number:	BC002727
Gene ID (NCBI):	27111
Full name:	Syndecan binding protein (syntenin) 2

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.