

For Research Use Only

TSPAN8 Polyclonal antibody, PBS Only

Catalog Number: 20319-1-PBS



Basic Information

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| Catalog Number: 20319-1-PBS | GenBank Accession Number: BC005246 | Purification Method: Antigen affinity purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 7103 | |
| Source: Rabbit | UNIPROT ID: P19075 | |
| Isotype: IgG | Full Name: tetraspanin 8 | |
| Immunogen Catalog Number: AG14173 | Calculated MW: 237 aa, 26 kDa | |
| | Observed MW: 27 kDa | |

Applications

Tested Applications:
WB, IHC, IP, Indirect ELISA

Species Specificity:
human, rat

Background Information

TSPAN8 is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Tetraspanins have been involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, and cancer. TSPAN8 and CD151 coordinately promote metastasis, where Tspan8 overrides the adhesive features of CD151 by recruiting integrins out of adhesion into motility promoting complexes (PMID: 23683890). TSPAN8 contributes to molecular pathways of exosome-induced endothelial cell activation (PMID: 20124479).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

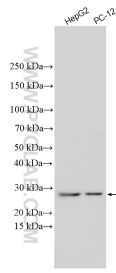
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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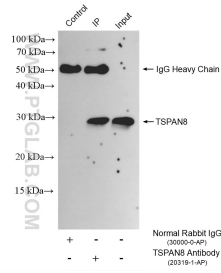
E: proteintech@ptglab.com
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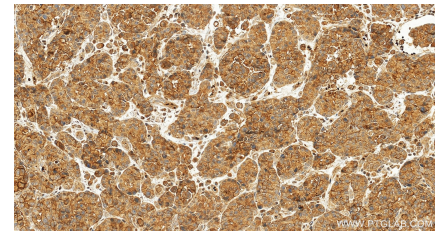
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20319-1-AP (TSPAN8 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20319-1-PBS in a different storage buffer formulation.



IP result of anti-TSPAN8 (IP:20319-1-AP, 4ug; Detection:20319-1-AP 1:1000) with PC-12 cells lysate 1560 ug. This data was developed using the same antibody clone with 20319-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 20319-1-AP (TSPAN8 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20319-1-PBS in a different storage buffer formulation.