

Synaptotagmin-13 Polyclonal antibody

Catalog Number: 18115-1-AP

1 Publications

Basic Information

Catalog Number:

18115-1-AP

Size:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12599

GenBank Accession Number:

BC093830

GeneID (NCBI):

57586

UNIPROT ID:

Q7L8C5

Full Name:

synaptotagmin XIII

Calculated MW:

426 aa, 47 kDa

Observed MW:

47 kDa, 66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : HepG2 cells,

IHC : human stomach cancer tissue,

Background Information

Synaptotagmin-13 is a member of the synaptotagmin family of proteins which are known as membrane trafficking proteins. Synaptotagmin-13 is composed of the canonical domains of synaptotagmins that include an N-terminal transmembrane region, two C-terminal cytoplasmic C2-domains, and a connecting sequence between the transmembrane region and the C2-domains (PMID: 11211934). Synaptotagmin-13 is highly expressed in brain and may be involved in transport vesicle docking to the plasma membrane.

Notable Publications

Author	Pubmed ID	Journal	Application
Federica Rizzo	30649277	Brain	WB

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

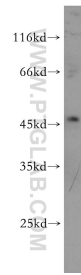
For technical support and original validation data for this product please contact:

T: 4006900926

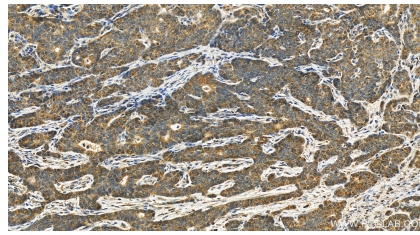
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 18115-1-AP (Synaptotagmin-13 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded stomach cancer slide using 18115-1-AP (Synaptotagmin-13 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).