For Research Use Only

UNC13D/Munc13-4 Polyclonal antibody

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Catalog Number:16905-1-AP 5 Publications

Basic Information

Catalog Number:
16905-1-AP

Size:
400 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10519

GenBank Accession Number:
BC067084

GeneID (NCBI):
201294

UNIPROT ID:
Q70J99

Full Name:
unc-13 homolog D (C. elegans)

Calculated MW:
1090 aa, 103 kDa

Observed MW:
120 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:4000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:
IHC, IP, WB, ELISA

Cited Applications:
IF, WB

Species Specificity:
human

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 : Jurkat cells, K-562 cells, human placenta tissue

IP : Jurkat cells,

IHC : human thymus tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Tatsuaki Kurosaki	36356584	Mol Cell	WB
Frank Cichocki	24842371	J Exp Med	WB
Donatella Galgano	32582217	Front Immunol	WB

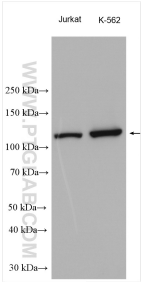
Storage

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

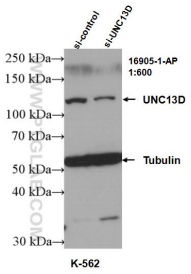
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

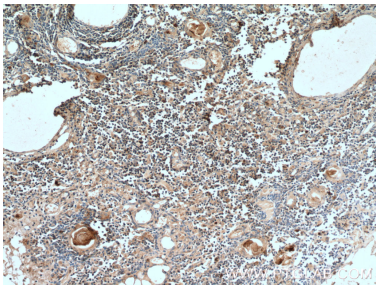
Selected Validation Data



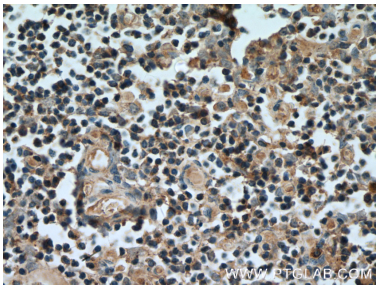
Various lysates were subjected to SDS PAGE followed by western blot with 16905-1-AP (UNC13D/Munc13-4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



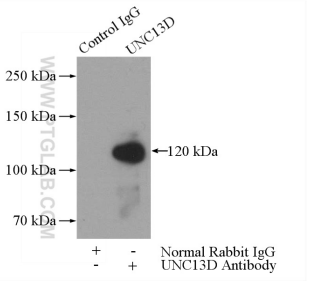
WB result of UNC13D/Munc13-4 antibody (16905-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-UNC13D/Munc13-4 transfected K-562 cells.



Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 16905-1-AP (UNC13D/Munc13-4 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 16905-1-AP (UNC13D/Munc13-4 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-UNC13D/Munc13-4 (IP:16905-1-AP, 5ug; Detection:16905-1-AP 1:300) with Jurkat cells lysate 2400ug.