

For Research Use Only

C9orf78 Polyclonal antibody

Catalog Number: 14496-1-AP

1 Publications



Basic Information

Catalog Number:

14496-1-AP

Concentration:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5919

GenBank Accession Number:

BC007664

GeneID (NCBI):

51759

UNIPROT ID:

Q9NZ63

Full Name:

chromosome 9 open reading frame 78

Calculated MW:

34 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:50-1:500

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, CoIP, ChIP

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 : HeLa cells, HepG2 cells

IP : HepG2 cells,

IHC : human stomach cancer tissue, human bladder tissue

IF/ICC : HepG2 cells,

Background Information

The function of C9orf78 remains largely unknown. The MW of this protein is 34 kDa, and this antibody specially recognises the 34 kDa protein. This antibody works well in WB, IHC and IF applications.

Notable Publications

Author	Pubmed ID	Journal	Application
Weilong Chen	40531994	Sci Adv	WB,IHC,CoIP,ChIP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

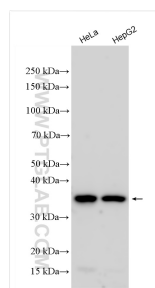
T: 4006900926

E: Proteintech-CN@ptglab.com

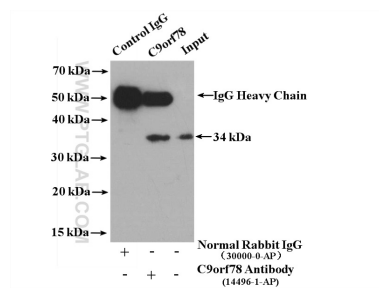
W: ptgcn.com

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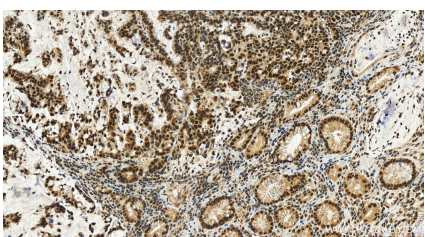
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14496-1-AP (C9orf78 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-C9orf78 (IP:14496-1-AP, 4ug; Detection:14496-1-AP 1:500) with HepG2 cells lysate 2200 ug.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 14496-1-AP (C9orf78 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using C9orf78 antibody (14496-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).