

For Research Use Only

C9orf78 Polyclonal antibody

Catalog Number: 14496-1-AP



Basic Information

Catalog Number: 14496-1-AP	GenBank Accession Number: BC007664	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51759	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9NZ63	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: chromosome 9 open reading frame 78	IHC 1:50-1:500
Immunogen Catalog Number: AG5919	Calculated MW: 34 kDa	IF/ICC 1:200-1:800
	Observed MW: 34 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, IP, ELISA

Species Specificity:
human, mouse, rat

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.

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

*** 20ul sizes contain 0.1% BSA

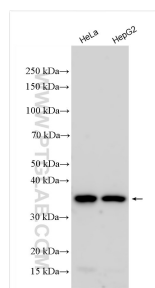
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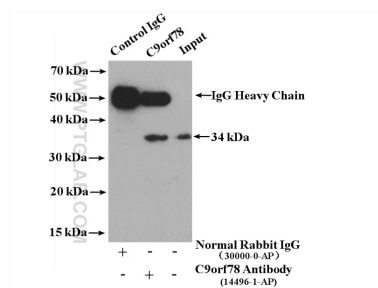
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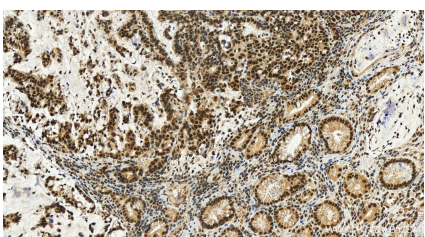
Selected Validation Data



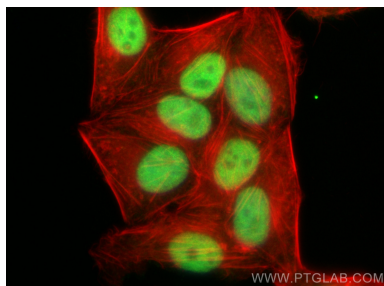
Various lysates were subjected to SDS PAGE followed by western blot with 14496-1-AP (C9orf78 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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).