

For Research Use Only

POLE3 Polyclonal antibody

Catalog Number: 15278-1-AP

2 Publications



Basic Information

Catalog Number:

15278-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7396

GenBank Accession Number:

BC003166

GeneID (NCBI):

54107

UNIPROT ID:

Q9NRF9

Full Name:

polymerase (DNA directed), epsilon 3 (p17 subunit)

Calculated MW:

17 kDa

Observed MW:

17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

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 : HeLa cells, MCF-7 cells, HepG2 cells

IP : HepG2 cells,

IHC : human liver cancer tissue,

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Wencheng Zhang	34568067	Front Oncol	WB
Chuanyou Yi	30053504	Int J Biochem Cell Biol	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:

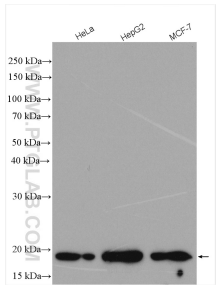
T: 4006900926

E: Proteintech-CN@ptglab.com

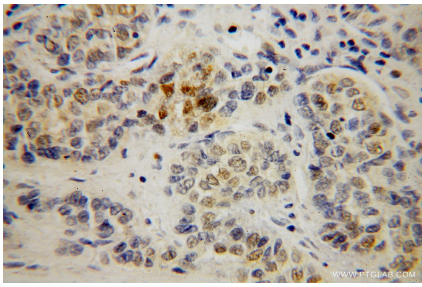
W: ptgcn.com

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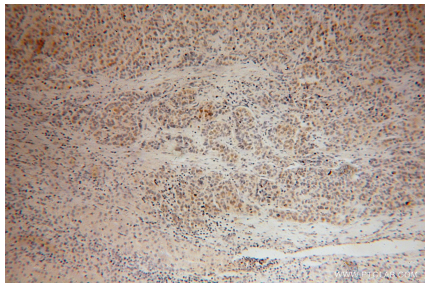
Selected Validation Data



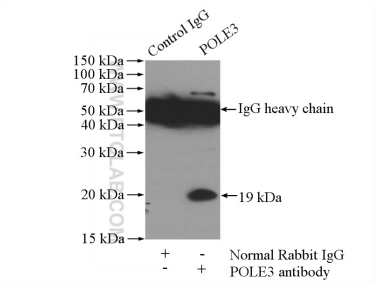
Various lysates were subjected to SDS PAGE followed by western blot with 15278-1-AP (POLE3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



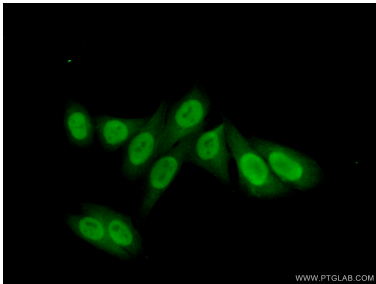
Immunohistochemical analysis of paraffin-embedded human liver cancer using 15278-1-AP (POLE3 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 15278-1-AP (POLE3 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-POLE3 (IP:15278-1-AP, 4ug; Detection:15278-1-AP 1:1000) with HepG2 cells lysate 1800ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 15278-1-AP (POLE3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).