

For Research Use Only

C17orf81 Polyclonal antibody

Catalog Number: 10162-1-AP

Featured Product



Basic Information

Catalog Number:

10162-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0194

GenBank Accession Number:

BC002762

GeneID (NCBI):

23587

UNIPROT ID:

Q8TE02

Full Name:

chromosome 17 open reading frame 81

Calculated MW:

35 kDa

Observed MW:

37 and 45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

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 : A375 cells, HEK-293 cells, K-562 cells

IHC : mouse heart tissue, mouse brain tissue

Background Information

ELP5, also named as C17orf81, DERP6 and S-phase 2 protein, acts as subunit of the RNA polymerase II elongator complex. It's involved in TP53-mediated transcriptional regulation. ELP5 has some isoforms with MW 20 kDa, 30 kDa and 34-37 kDa.

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

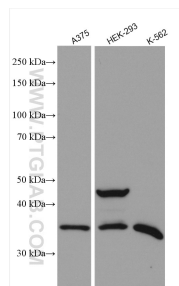
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

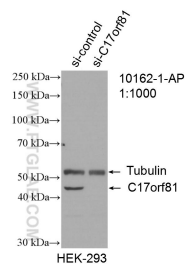
E: proteintech@ptglab.com
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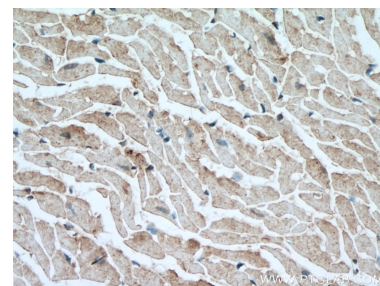
Selected Validation Data



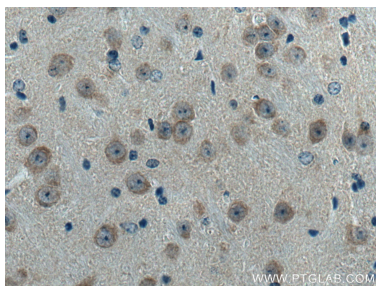
Various lysates were subjected to SDS PAGE followed by western blot with 10162-1-AP (C17orf81 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of C17orf81 antibody (10162-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-C17orf81 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 10162-1-AP (C17orf81 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10162-1-AP (C17orf81 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).