

For Research Use Only

YAF2 Polyclonal antibody

Catalog Number: 13980-1-AP

Featured Product



Basic Information

Catalog Number:

13980-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5023

GenBank Accession Number:

BC037777

GeneID (NCBI):

10138

UNIPROT ID:

Q8IY57

Full Name:

YY1 associated factor 2

Calculated MW:

204 aa, 23 kDa

Observed MW:

20-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, 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 : HEK-293 cells,

IP : HeLa cells,

IHC : mouse brain tissue,

IF/ICC : U2OS cells, HeLa cells

Background Information

YY1-associated factor 2 (YAF2) is the binding molecule of Yin-Yang-1 (YY-1) protein and plays an important role in transcriptional regulation. YAF-2 mRNA expression was the highest in heart and skeletal muscle (PMID: 11953439).

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

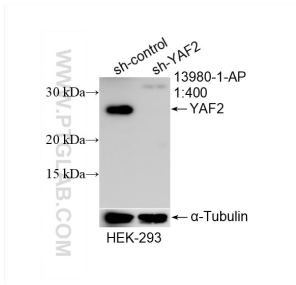
For technical support and original validation data for this product please contact:

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

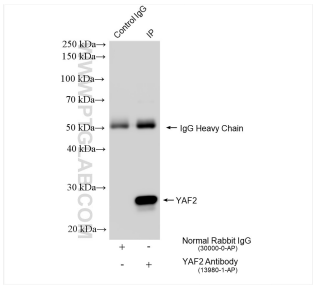
E: proteintech@ptglab.com
W: ptglab.com

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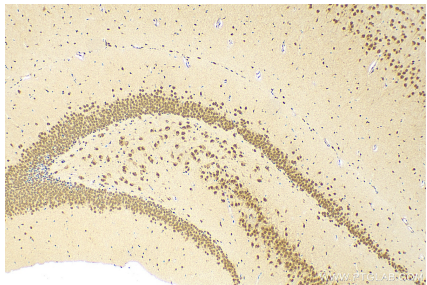
Selected Validation Data



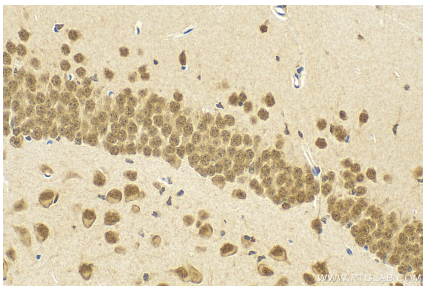
WB result of YAF2 antibody (13980-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-YAF2 transfected HEK-293 cells.



IP result of anti-YAF2 (IP:13980-1-AP, 4ug; Detection:13980-1-AP 1:600) with HeLa cells lysate 1760 ug.



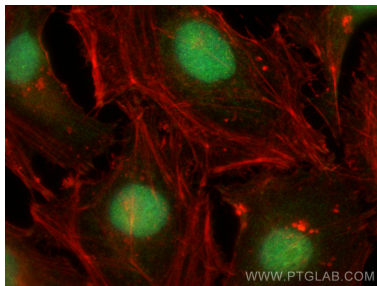
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13980-1-AP (YAF2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13980-1-AP (YAF2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using YAF2 antibody (13980-1-AP) at dilution of 1:200 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using YAF2 antibody (13980-1-AP) at dilution of 1:800 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).