

For Research Use Only

# YAF2 Polyclonal antibody

Catalog Number: 13980-1-AP



## Basic Information

**Catalog Number:**

13980-1-AP

**Size:**

600 ug/ml

**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:**

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:**

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:**

IP: HeLa cells,

IHC: mouse brain tissue,

IF/ICC: U2OS 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

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

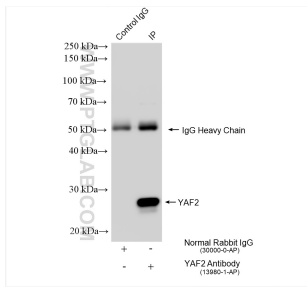
T: 4006900926

E: Proteintech-CN@ptglab.com

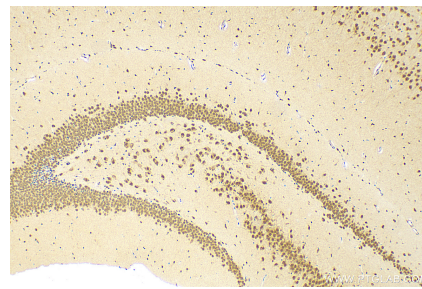
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

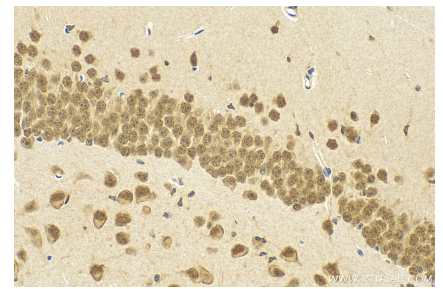
## Selected Validation Data



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).