

For Research Use Only

EAF1 Polyclonal antibody

Catalog Number: 13787-1-AP **5 Publications**



Basic Information

Catalog Number:

13787-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4804

GenBank Accession Number:

BC041329

GeneID (NCBI):

85403

UNIPROT ID:

Q96JC9

Full Name:

ELL associated factor 1

Calculated MW:

268 aa, 29 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : K-562 cells, HeLa cells, mouse brain tissue

IP : HeLa cells,

IF/ICC : SH-SY5Y cells,

Background Information

ELL associated factor 1 and ELL associated factor 2 (EAF1/2 factors) are reported to play important roles in tumor suppression and embryogenesis. The tumor suppressor EAF2 is regulated by androgen signaling and associated with prostate cancer. Eaf factors have been revealed to modulate mesoderm and neural patterning by inhibiting canonical Wnt signaling, and high activity of canonical Wnt/ β -catenin is revealed in eafs morphants (PMID: 23364330). Catalog#13787-1-AP is a rabbit polyclonal antibody raised against the full-length of human EAF1.

Notable Publications

Author	Pubmed ID	Journal	Application
Jing-Xia Liu	28887217	Biochim Biophys Acta	WB
Bijan Sobhian	20471949	Mol Cell	WB
Ping Liu	34215846	Cell Death Differ	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

***** 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)

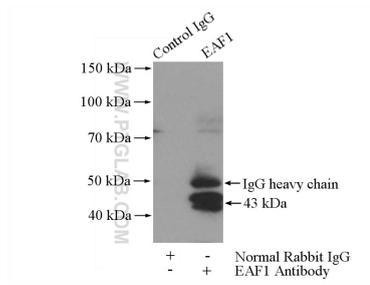
E: proteintech@ptglab.com
W: ptglab.com

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

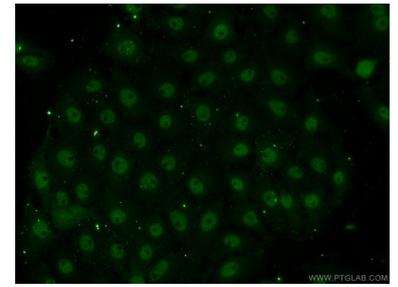
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 13787-1-AP (EAF1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-EAF1 (IP:13787-1-AP, 4 μ g; Detection:13787-1-AP 1:500) with HeLa cells lysate 1200 μ g.



Immunofluorescent analysis of SH-SY5Y cells using 13787-1-AP (EAF1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).