

For Research Use Only

KLF13 Polyclonal antibody

Catalog Number: 18352-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number:

18352-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13200

GenBank Accession Number:

BC012741

GeneID (NCBI):

51621

UNIPROT ID:

Q9Y2Y9

Full Name:

Kruppel-like factor 13

Calculated MW:

31 kDa

Observed MW:

37-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, rat, mouse

Cited Species:

human, mouse, rat

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 : HT-29 cells, rat liver tissue

IHC : human brain tissue,

Background Information

Kruppel-like factor 13(KLF13) is a member of transcription factors, which contains 3 zinc finger DNA-binding domains. These transcription factors bind to CG-rich sequences and related GT and CACCC boxes. KLF13 involved in activation of transcription of variety of genes in the cells of erythroid lineage, such as GATA1, glycophorin B. It also binds to the A and A/B RANTES promoter binding sites, the same as NFkB, and then transactivates the RANTES gene. The calculated molecular weight of KLF13 is 31 kDa, but the modified KLF13 protein is about 37-45 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Joshua E Burda	35614216	Nature	IHC
Chao-Chun Chen	36381108	J Clin Transl Hepatol	WB,IHC
Weilong Yao	32523679	Cell Biosci	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

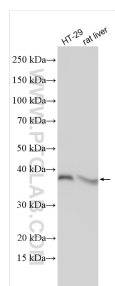
For technical support and original validation data for this product please contact:

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

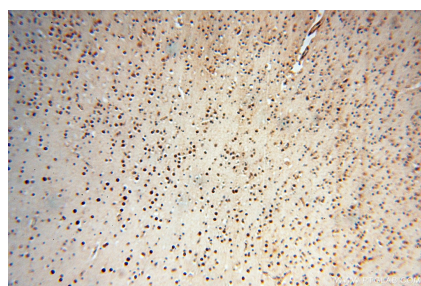
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18352-1-AP (KLF13 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 18352-1-AP (KLF13 antibody) at dilution of 1:50 (under 10x lens).