For Research Use Only

TEAD3 Polyclonal antibody

Catalog Number:13120-1-AP 5 Publications

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Basic Information

Catalog Number:
13120-1-AP

Size:
150ul , Concentration: 400 µg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3875

GenBank Accession Number:
BC027877

GeneID (NCBI):
7005

UNIPROT ID:
Q99594

Full Name:
TEA domain family member 3

Calculated MW:
435 aa, 49 kDa

Observed MW:
50 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IHC 1:1000-1:4000
IF/ICC 1:50-1:500

Applications

Tested Applications:
WB, IF, IHC, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse

Cited Species:
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 : HCT 116 cells, HepG2 cells, MCF-7 cells

IHC : mouse small intestine tissue,

IF/ICC : MCF-7 cells,

Background Information

TEAD3, others named ranscriptional enhancer factor 5(TEF5), a member of family of transcription factors that plays a key role in the Hippo signaling pathway, suggesting involve in organ and tumor suppression by restricting proliferation and promoting. TEAD3 contains the TEA/ATTS DNA-binding domain. Human TEAD3 has a strong mRNA expression in placenta and choriocarcinoma cells(JEG-3), but low in Hela, HepG2 and MCF-7. This is a rabbit polyclonal anti-TEAD3 antibody raised against part of C-terminal chain of human TEAD3.

Notable Publications

Author	Pubmed ID	Journal	Application
Ya-Qin Wang	36608137	Sci Adv	WB
Duo Zhang	25512392	J Cell Biol	WB
Yang Zhao	38493144	Nat Commun	WB

Storage

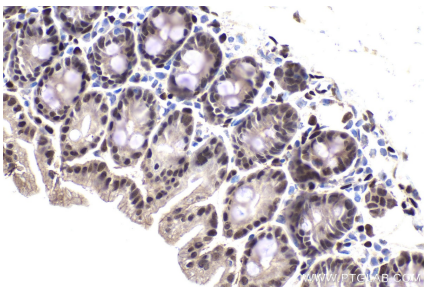
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

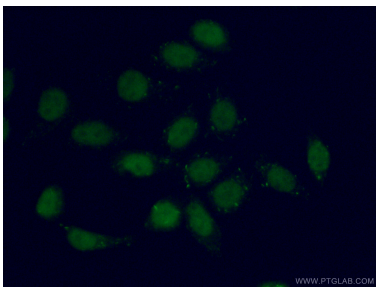
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

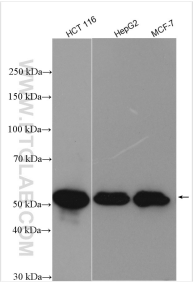
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 13120-1-AP (TEAD3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using 13120-1-AP (TEAD3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 13120-1-AP (TEAD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.