

For Research Use Only

TFDP2 Polyclonal antibody

Catalog Number: 11500-1-AP **2 Publications**



Basic Information

Catalog Number:

11500-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2054

GenBank Accession Number:

BC021113

GeneID (NCBI):

7029

UNIPROT ID:

Q14188

Full Name:

transcription factor Dp-2 (E2F dimerization partner 2)

Calculated MW:

446 aa, 49 kDa

Observed MW:

49 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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse heart tissue, human brain tissue

IP : SH-SY5Y cells,

Background Information

TFDP2, also known as E2FDP2, is a coactivator of E2F factors and involves in EGF or IFN-gamma-mediated effects by enhancing or reducing active heterodimeric complexes. The DP2/E2F complex functions in the control of cell-cycle progression from G1 to S phase. The E2F1/DP complex appears to mediate both cell proliferation and apoptosis [PMID:16360038]. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication [PMID:16721044].

Notable Publications

Author	Pubmed ID	Journal	Application
Caron Etienne E	21952136	Mol Syst Biol	WB
Ya-Jun Deng	38187091	Front Mol Biosci	IHC

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**

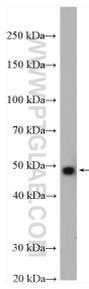
For technical support and original validation data for this product please contact:

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

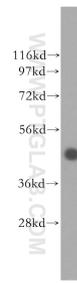
E: proteintech@ptglab.com
W: ptglab.com

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

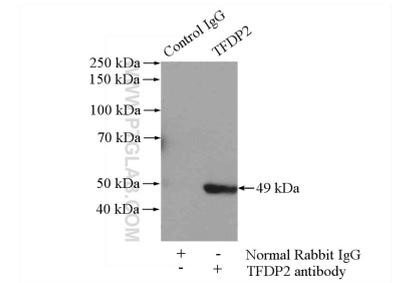
Selected Validation Data



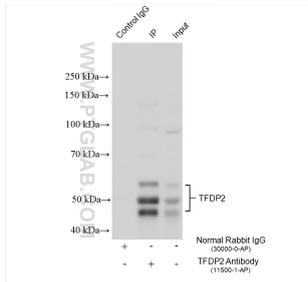
mouse heart tissue were subjected to SDS PAGE followed by western blot with 11500-1-AP (TFDP2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



human brain tissue were subjected to SDS PAGE followed by western blot with 11500-1-AP (TFDP2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP result of anti-TFDP2 (IP:11500-1-AP, 4ug; Detection:11500-1-AP 1:400) with SH-SY5Y cells lysate 1600ug.



IP result of anti-TFDP2 (IP:11500-1-AP, 4ug; Detection:11500-1-AP 1:600) with SH-SY5Y cells lysate 1360 ug.