

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

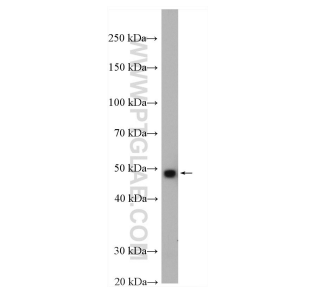
For technical support and original validation data for this product please contact:

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

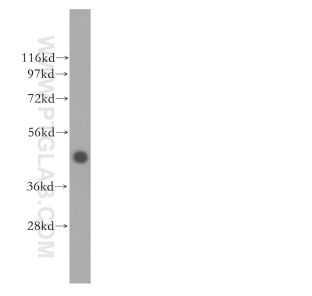
E: proteintech@ptglab.com
W: ptglab.com

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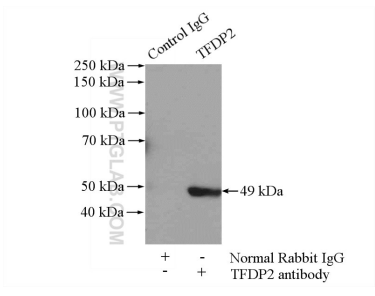
Selected Validation Data



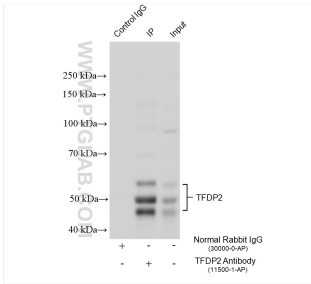
mouse heart tissue were subjected to SDS PAGE followed by western blot with 11500-1-AP (TFDP2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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.