

## TFDP2 Polyclonal Antibody

Catalog number: 11500-1-AP

Size: 20 µg/150 µl

Source: Rabbit

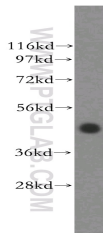
Isotype: IgG

Synonyms:

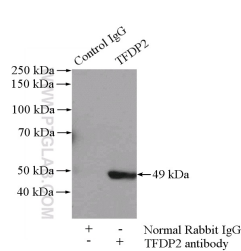
TFDP2; Dp 2, DP2, E2F

dimerization partner 2, TFDP2,

Transcription factor Dp 2



human brain tissue were subjected to SDS PAGE followed by western blot with 11500-1-AP(TFDP2 antibody) at dilution of 1:400



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

### Background

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].

### Applications

Tested applications:	ELISA, WB, IP
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Mouse
Calculated TFDP2 MW:	446aa,49 kDa
Observed TFDP2 MW:	49kd
Positive WB detected in	Human brain tissue
Positive IP detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2054
GenBank accession number:	BC021113
Gene ID (NCBI):	7029
Full name:	Transcription factor Dp-2 (E2F dimerization partner 2)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.