

TDRD3 Polyclonal Antibody

Catalog number: 13359-1-AP

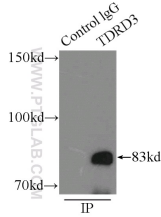
Size: 47 µg/150 µl

Source: Rabbit

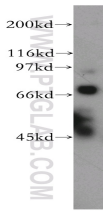
Isotype: IgG

Synonyms:

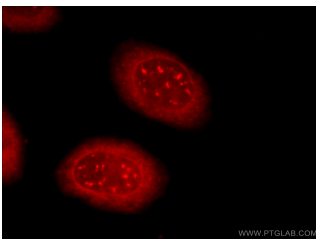
TDRD3; FLJ21007, TDRD3,
tudor domain containing 3



IP Result of anti-TDRD3 (IP:13359-1-AP, 3µg; Detection:13359-1-AP 1:1000) with HeLa cells lysate 3800µg.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 13359-1-AP(TDRD3 antibody) at dilution of 1:300



Immunofluorescent analysis of HeLa cells using 13359-1-AP(TDRD3 Antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG

Background

TDRD3 (Tudor domain-containing protein 3) contains tudor domain which is an approximately 60-amino acid structure motif. TDRD3 functions as a scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. TDRD3 is a transcriptional coactivator that promotes transcription by binding methylarginine marks on histone tails. TDRD3 also possesses an oligosaccharide/nucleotide binding fold and an ubiquitin associated domain capable of binding tetra-ubiquitin, and it is reported to associate with polyribosomes in HeLa cells.

Applications

Tested applications:	ELISA, WB, IP, IF
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated TDRD3 MW:	651aa,73 kDa
Observed TDRD3 MW:	73 kDa; 83 kDa
Positive WB detected in	HEK-293 cells
Positive IP detected in	HeLa cells
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:500-1:5000
	IF: 1:10-1:100

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

Immunogen information

Immunogen:	Ag4174
GenBank accession number:	BC030514
Gene ID (NCBI):	81550
Full name:	Tudor domain containing 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.