

TTRAP Polyclonal Antibody

Catalog number: 12203-1-AP

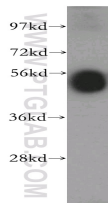
Size: 20 µg/150 µl

Source: Rabbit

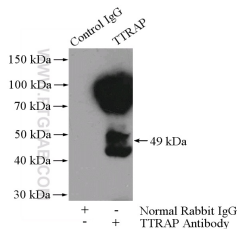
Isotype: IgG

Synonyms:

TTRAP; 5 Tyr DNA phosphodiesterase, AD022, dJ30M3.3, EAP2, EAPII, ETS1 associated protein 2, ETS1 associated protein II, TDP2, TTRAP, Tyr DNA phosphodiesterase 2



human spleen tissue were subjected to SDS PAGE followed by western blot with 12203-1-AP(TTRAP antibody) at dilution of 1:500



IP Result of anti-TTRAP (IP:12203-1-AP, 4µg; Detection:12203-1-AP 1:500) with mouse spleen tissue lysate 4800µg.

Background

TTRAP is a 5-prime tyrosyl-DNA phosphodiesterase that is required for efficient repair of topoisomerase II-induced DNA double-strand breaks. Thus it can remove lots of covalent adducts from DNA through hydrolysis of a 5'-phosphodiester bond, generating a free 5' phosphate to DNA. It also has 3'-tyrosyl DNA phosphodiesterase activity, but not so efficient as TDP1. TTRAP functions as a negative regulator of ETS1 and inhibit nuclear factor-kappa-B activation.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated TTRAP MW:	362aa,41 kDa
Observed TTRAP MW:	49kd
Positive WB detected in	Human spleen tissue
Positive IP detected in	Mouse spleen tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

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

Immunogen information

Immunogen:	Ag2846
GenBank accession number:	BC017553
Gene ID (NCBI):	51567
Full name:	TRAF and TNF receptor associated protein

Product information

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