

For Research Use Only

TRAF6 Recombinant antibody

Catalog Number: 83535-2-RR



Basic Information

Catalog Number: 83535-2-RR	GenBank Accession Number: BC031052	Purification Method: Protein A purification
Size: 100ul , Concentration: 460 µg/ml by Nanodrop;	GeneID (NCBI): 7189	CloneNo.: 230430H3
Source: Rabbit	UNIPROT ID: Q9Y4K3	Recommended Dilutions: WB: 1:2000-1:10000 IHC: 1:125-1:500 FC (Intra): 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: TNF receptor-associated factor 6	
Immunogen Catalog Number: AG14858	Calculated MW: 522 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IHC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : K-562 cells, HEK-293T cells, HeLa cells, Jurkat cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : rat brain tissue, mouse brain tissue
	FC (Intra) : Jurkat cells,

Background Information

TRAF6 is a member of the TNF receptor associated factor (TRAF) protein family. TRAF6 is recognized as a signal transducer, which activates the NF-κB pathway in response to pro-inflammatory cytokines. TRAF6 has E3 ligase activity and is responsible for inducing Lys-63 (K63)-linked poly-ubiquitination chains, functioning together with E2 Ubc13/Uev1A complex to mediate IKK activation. TRAF6 plays a crucial role in the regulation of the innate and adaptive immune responses.

Storage

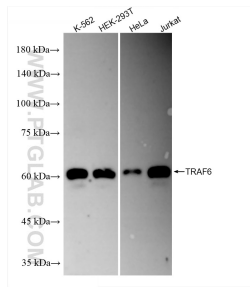
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

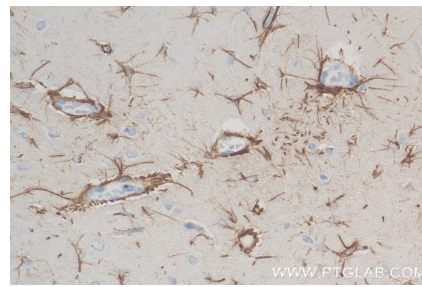
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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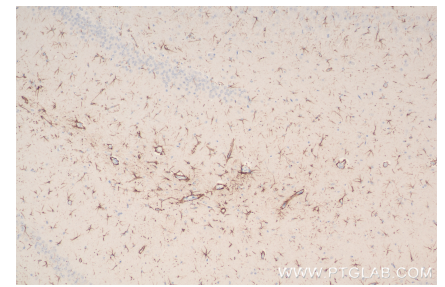
Selected Validation Data



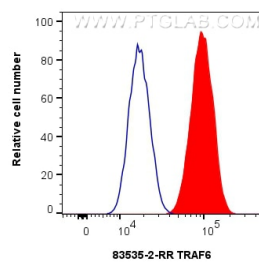
Various lysates were subjected to SDS PAGE followed by western blot with 83535-2-RR (TRAF6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 83535-2-RR (TRAF6 antibody) at dilution of 1:250 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 83535-2-RR (TRAF6 antibody) at dilution of 1:250 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 Jurkat cells were intracellularly stained with 0.25 μ g TRAF6 Recombinant antibody (83535-2-RR, Clone:230430H3) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 μ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).