

For Research Use Only

# TRAF6 Recombinant antibody

Catalog Number: 83535-2-RR



## Basic Information

<b>Catalog Number:</b> 83535-2-RR	<b>GenBank Accession Number:</b> BC031052	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 460 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7189	<b>CloneNo.:</b> 230430H3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y4K3	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> TNF receptor-associated factor 6	
<b>Immunogen Catalog Number:</b> AG14858	<b>Calculated MW:</b> 522 aa, 60 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

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

## 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

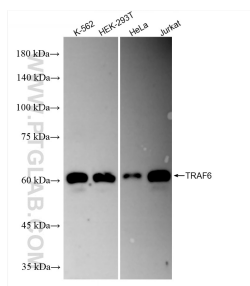
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

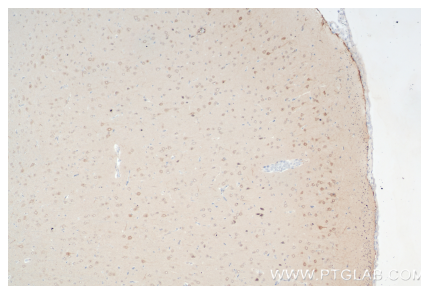
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## Selected Validation Data



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 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).