

For Research Use Only

TNRC4 Polyclonal antibody

Catalog Number: 25353-1-AP



Basic Information

Catalog Number: 25353-1-AP	GenBank Accession Number: BC052491	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11189	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q5SZQ8	
Isotype: IgG	Full Name: trinucleotide repeat containing 4	
Immunogen Catalog Number: AG18601	Calculated MW: 464 aa, 51 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse lung tissue, mouse spleen tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human testis tissue, human cerebellum tissue

Background Information

TNRC4, also named as BRUNOL1, CAGH4, ERDA4, or TNRC4, is a 465 amino acid protein, which contains three RRM (RNA recognition motif) domains and belongs to the CELF/BRUNOL family. TNRC4 localizes in the nucleus and is expressed in brain. TNRC4 as a RNA-binding protein is involved in the regulation of pre-mRNA alternative splicing and mediates exon inclusion and/or exclusion in pre-mRNA that are subject to tissue-specific and developmentally regulated alternative splicing.

Storage

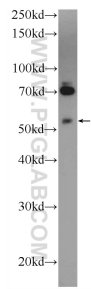
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

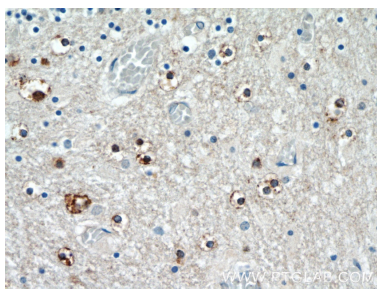
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

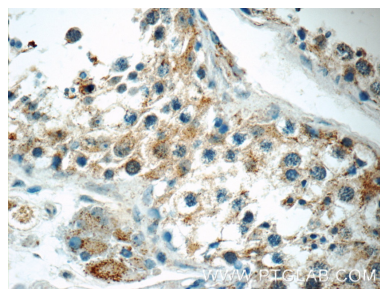
Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 25353-1-AP (TNRC4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 25353-1-AP (TNRC4 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 25353-1-AP (TNRC4 Antibody) at dilution of 1:50 (under 40x lens).