

For Research Use Only

TNRC4 Polyclonal antibody

Catalog Number: 25353-1-AP



Basic Information

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| 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

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse lung tissue, mouse spleen tissue

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

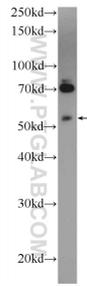
For technical support and original validation data for this product please contact:

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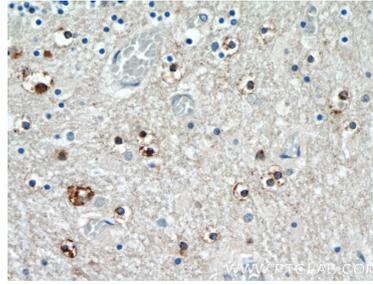
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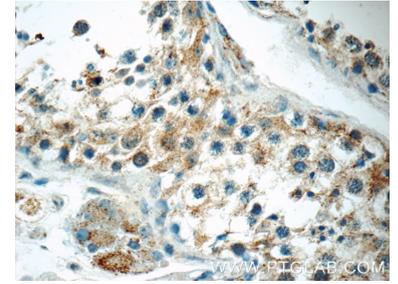
Selected Validation Data



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).