10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TARSL2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8654b

Specification

TARSL2 Antibody (C-term) - Product Information

Application	**FC, IHC-P, WB,E**
Primary Accession	A2RTX5
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**92646**
Antigen Region	**638-665**

TARSL2 Antibody (C-term) - Additional Information

Gene ID 123283

Other Names
Probable threonine--tRNA ligase 2, cytoplasmic, Threonyl-tRNA synthetase, ThrRS, Threonyl-tRNA synthetase-like protein 2, TARSL2

Target/Specificity
This TARSL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 638-665 amino acids from the C-terminal region of human TARSL2.

Dilution
FC~~1:10~50
IHC-P~~1:50~100
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TARSL2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TARSL2 Antibody (C-term) - Protein Information

Name TARS3 (HGNC:24728)

Synonyms TARSL2

Function Catalyzes the attachment of threonine to tRNA(Thr) in a two- step reaction: threonine is first activated by ATP to form Thr-AMP and then transferred to the acceptor end of tRNA(Thr). Also edits incorrectly charged tRNA(Thr) via its editing domain, at the post- transfer stage.

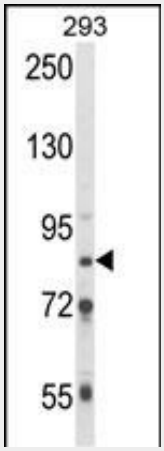
Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q8BLY2}. Nucleus {ECO:0000250|UniProtKB:Q8BLY2}. Note=Primarily cytoplasmic. Also detected at lower levels in the nucleus {ECO:0000250|UniProtKB:Q8BLY2}

TARSL2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TARSL2 Antibody (C-term) - Images



Western blot analysis of TARSL2 Antibody (C-term) (Cat. #AP8654b) in 293 cell line lysates (35ug/lane). TARSL2 (arrow) was detected using the purified Pab.

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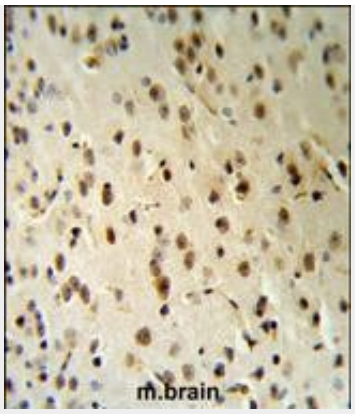
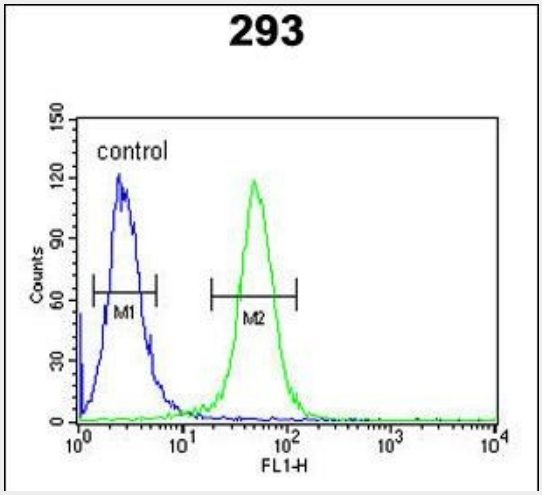


TARSL2 Antibody (C-term) (RB19649) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TARSL2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



TARSL2 Antibody (C-term) (Cat. #AP8654b) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.