

Datasheet for ABIN629800 **anti-TARS antibody (N-Term)**

3 Images



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Overview

Quantity:	100 µg
Target:	TARS
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	TARS antibody was raised using the N terminal of TARS corresponding to a region with amino acids PEYIYTRLEMYNILKAEHDSILAEKAEKDSKPIKVTLPDGKQVDAESWKT
Specificity:	TARS antibody was raised against the N terminal of TARS
Purification:	Purified

Target Details

Target:	TARS
Alternative Name:	TARS (TARS Products)
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in

Target Details

evolution. Threonyl-tRNA synthetase belongs to the class-II aminoacyl-tRNA synthetase family.

Molecular Weight: 78 kDa (MW of target protein)

Application Details

Application Notes: WB: 5 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: TARS Blocking Peptide, catalog no. 33R-7067, is also available for use as a blocking control in assays to test for specificity of this TARS antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of TARS antibody in PBS

Concentration: Lot specific

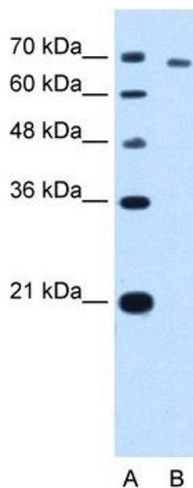
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

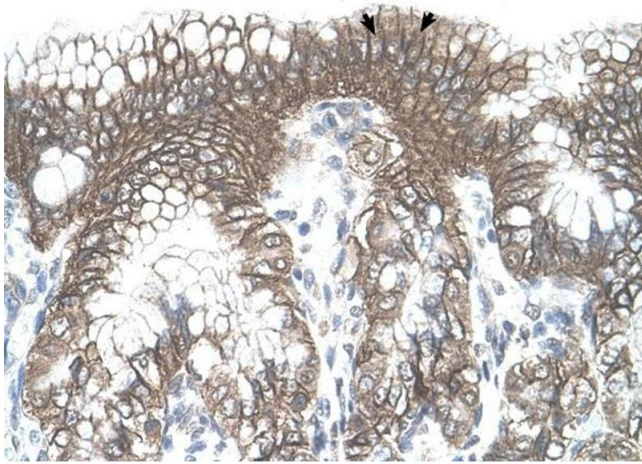
Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



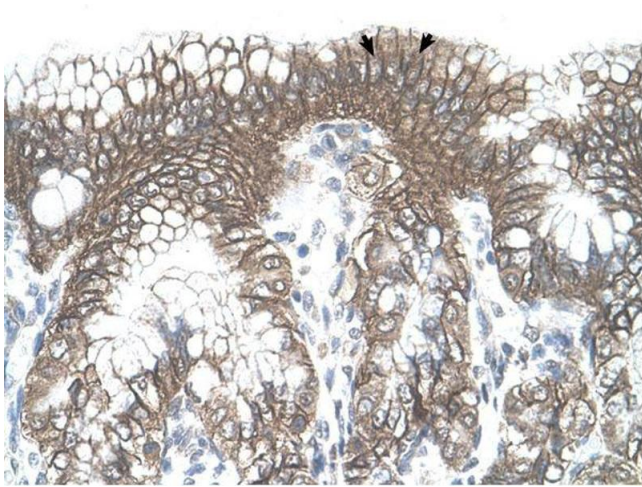
Western Blotting

Image 1. TARS antibody used at 5 µg/ml to detect target protein.



Immunohistochemistry

Image 2. TARS antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of fundic gland (arrows) in Human Stomach. Magnification is at 400X



Immunohistochemistry

Image 3. TARS antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X