

Datasheet for ABIN6148860
anti-TARS2 antibody (AA 100-400)



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1 Image

Overview

Quantity:	100 µL
Target:	TARS2
Binding Specificity:	AA 100-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TARS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 100-400 of human TARS2 (NP_079426.2).
Sequence:	VNGEPYDLER PLETDSLRF LTFDSPEGKA VFWHSSTHVL GAAAEQFLGA VLCRGPSTEY GFYHDFFLGK ERTIRGSELP VLERICQELT AAARPFRRL ASRDQLRQLF KDNPFKLHLI EEKVTGPTAT VYGCGLVDL CQGPLRHTG QIGGLKLLSN SSSLWRSSGA PETLQRVSGI SFPTTELLRV WEAWAREEAL RDHRRIGKEQ ELFFFHELSP GSCFFLPRGT RVYNALVAFI RAEYAHRGFS EVKPTPLFST KLWEQSGHWE HYQEDMFAVQ PPGSDRPPSS QSDDSTRHIT D
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

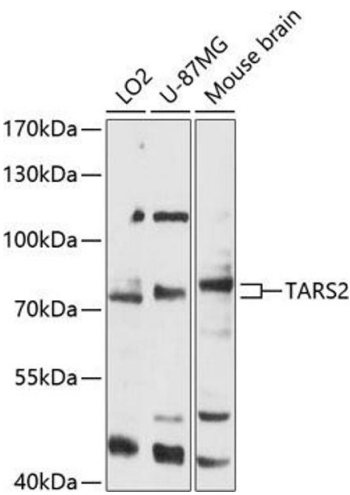
Target:	TARS2
Alternative Name:	TARS2 (TARS2 Products)
Background:	This gene encodes a member of the class-II aminoacyl-tRNA synthetase family. The encoded protein is a mitochondrial aminoacyl-tRNA synthetase. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 4.,TARS2,COXPD21,TARSL1,thrRS,Epigenetics & Nuclear Signaling,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Mitochondrial translation,Nucleotide metabolism,Purine and pyrimidine synthesis,TARS2
Molecular Weight:	66 kDa/81 kDa
Gene ID:	80222
UniProt:	Q9BW92
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using T antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.