

WARS2 Antibody

Catalog No: #43895

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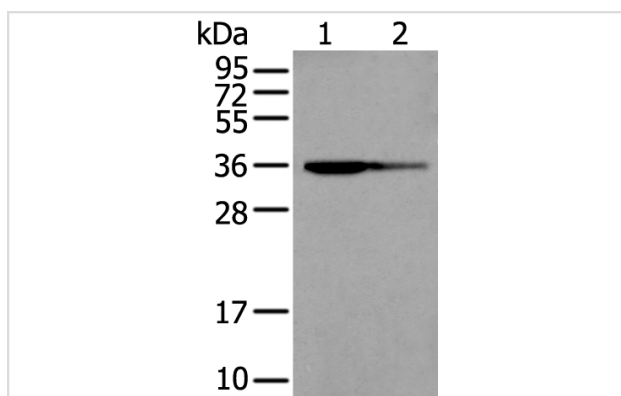
Description

Product Name	WARS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total WARS2 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human WARS2
Target Name	WARS2
Other Names	TrpRS
Accession No.	Swiss-Prot#: Q9UGM6NCBI Gene ID: 10352
Uniprot	Q9UGM6
GeneID	10352;
Calculated MW	40kd
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1000

Images



Gel: 12%SDS-PAGE

Lysate: 40 µg, Lane 1-2: MCF-7 and HeLa cell lysates,

Primary antibody:WARS2 antibody at dilution 1/200,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 5 seconds

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 evolution. Two

forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. This gene encodes the mitochondrial tryptophanyl-tRNA synthetase. Two alternative transcripts encoding different isoforms have been described.

Note: This product is for in vitro research use only