

Rabbit anti-Human, Mouse WARS Polyclonal Antibody | anti-WARS antibody

WARS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280144	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

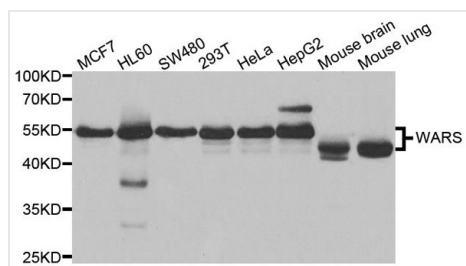
PRODUCT SYNONYMS

WARS; Polyclonal Antibody; WARS Polyclonal Antibody; IFI53; IFP53; GAMMA-2; anti-WARS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	471
Applicable Applications for anti-WARS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human WARS
Calculated Molecular Weight	53kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using WARS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-WARS antibody	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. Tryptophanyl-tRNA synthetase (WARS) catalyzes the aminoacylation of tRNA(trp) with tryptophan and is induced by interferon. Tryptophanyl-tRNA synthetase belongs to the class I tRNA synthetase family. Four transcript variants encoding two different isoforms have been found for this gene.
Product Categories/Family for anti-WARS antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	135191
NCBI GeneID	7453
UniProt Accession #	P23381; P78535; Q502Y0; Q53XB6; Q9UDI5; Q9UDL3; A6NGN1; A6NID3
Molecular Weight	471
NCBI Official Full Name	Tryptophan--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	tryptophanyl-tRNA synthetase
NCBI Official Symbol	WARS
NCBI Official Synonym Symbols	IFI53; IFP53; GAMMA-2
NCBI Protein Information	tryptophan--tRNA ligase, cytoplasmic; hWRS; trpRS; interferon-induced protein 53; tryptophan tRNA ligase 1, cytoplasmic
UniProt Protein Name	Tryptophan--tRNA ligase, cytoplasmic
UniProt Gene Name	WARS
UniProt Synonym Gene Names	IFI53; WRS; IFP53; TrpRS; hWRS
UniProt Entry Name	SYWC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/wars-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280144>