

Rabbit anti-Human, mouse PARS2 Polyclonal Antibody | anti-PARS2 antibody

PARS2 Antibody (C-term)

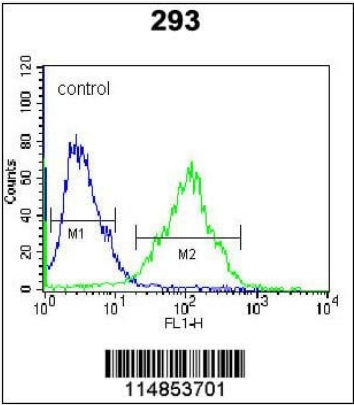
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288019	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PARS2; Polyclonal Antibody; PARS2 Antibody (C-term); Probable proline--tRNA ligase; mitochondrial; Prolyl-tRNA synthetase; ProRS; anti-PARS2 antibody

PRODUCT SPECIFICATIONS

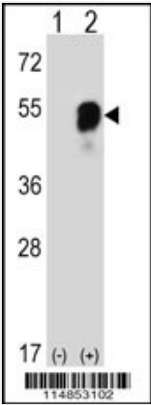
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PARS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 390-417 amino acids from the C-terminal region of human PARS2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	390-417
Sequence Length	475
Applicable Applications for anti-PARS2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



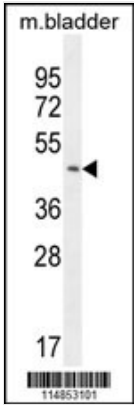
FCM/FACS (Flow Cytometry)
PARS2 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
PARS2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PARS2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PARS2 (arrow) using rabbit polyclonal PARS2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PARS2 gene.



WB (Western Blot)
PARS2 Antibody (C-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the PARS2 antibody detected the PARS2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PARS2 antibody	Forms part of a macromolecular complex that catalyzes the attachment of specific amino acids to cognate tRNAs during protein synthesis. Modulates the secretion of AIMP1 and may be involved in generation of the inflammatory cytokine EMAP2 from AIMP1.
References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Bonnefond, L., et al. Biochemistry 44(12):4805-4816(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34303926
NCBI GeneID	25973
NCBI Accession #	NP_689481.2
NCBI GenBank Nucleotide #	NM_152268.3
UniProt Accession #	Q7L3T8; Q9H6S5; Q9UFT1; A8K0W4
Molecular Weight	53263
NCBI Official Full Name	probable proline--tRNA ligase, mitochondrial

NCBI Official Synonym Full Names	prolyl-tRNA synthetase 2, mitochondrial (putative)
NCBI Official Symbol	PARS2
NCBI Official Synonym Symbols	proRS; MT-PRORS
NCBI Protein Information	probable proline--tRNA ligase, mitochondrial
UniProt Protein Name	Probable proline--tRNA ligase, mitochondrial
UniProt Gene Name	PARS2
UniProt Synonym Gene Names	ProRS
UniProt Entry Name	SYPM_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/pars2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288019>