

PARS2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15449**Specification**

PARS2 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q7L3T8
Other Accession	NM_152268 , NP_689481
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

PARS2 Antibody - N-terminal region - Additional Information**Gene ID** 25973**Alias Symbol** MT-PRORS**Other Names**

Probable proline--tRNA ligase, mitochondrial, 6.1.1.15, Prolyl-tRNA synthetase, ProRS, PARS2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PARS2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PARS2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PARS2 Antibody - N-terminal region - Protein Information**Name** PARS2 ([HGNC:30563](#))**Function**

Mitochondrial aminoacyl-tRNA synthetase that catalyzes the specific attachment of the proline amino acid (aa) to the homologous transfer RNA (tRNA), further participating in protein synthesis. The reaction occurs in a two steps: proline is first activated by ATP to form Pro-AMP and then transferred to the acceptor end of tRNA(Pro).

Cellular Location

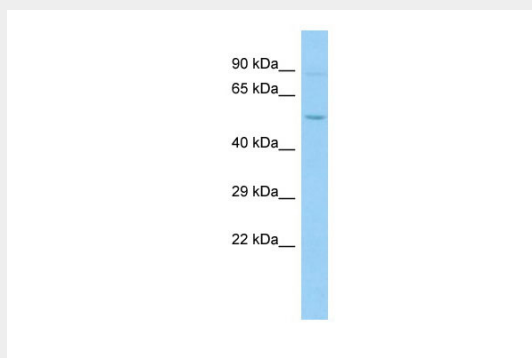
Mitochondrion matrix

PARS2 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PARS2 Antibody - N-terminal region - Images



Host: Rabbit

Target Name: PARS2

Sample Tissue: PANC1 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

PARS2 Antibody - N-terminal region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Gregory S.G.,et al.Nature 441:315-321(2006).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Bechtel S.,et al.BMC Genomics 8:399-399(2007).