

YARS2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15545**Specification**

YARS2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9Y2Z4
Other Accession	NM_001040436 , NP_001035526
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

YARS2 Antibody - C-terminal region - Additional Information**Gene ID** 51067**Alias Symbol** MLASA2, MT-TYRRS, TYRRS**Other Names**

Tyrosine--tRNA ligase, mitochondrial, 6.1.1.1, Tyrosyl-tRNA synthetase, TyrRS, YARS2

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-YARS2 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

YARS2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

YARS2 Antibody - C-terminal region - Protein Information**Name** YARS2**Function**

Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two- step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr).

Cellular Location

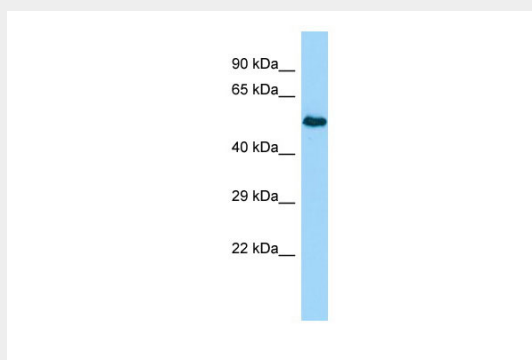
Mitochondrion matrix

YARS2 Antibody - C-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](#)

YARS2 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: YARS2
Sample Tissue: MCF7 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

YARS2 Antibody - C-terminal region - References

Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Bonnefond L.,et al.Biochemistry 44:4805-4816(2005).