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

Specification

YARS2 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9Y2Z4
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

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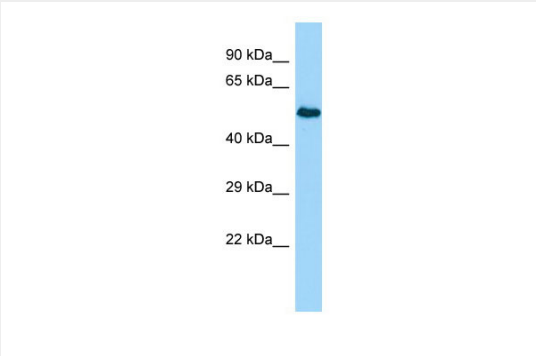
YARS2 Antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).
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Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Bonnefond L.,et al.Biochemistry 44:4805-4816(2005).