

CARS2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15581**Specification**

CARS2 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q9HA77
Other Accession	NM_024537 , NP_078813
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62kDa KDa

CARS2 Antibody - N-terminal region - Additional Information**Gene ID** 79587**Other Names**

Probable cysteine--tRNA ligase, mitochondrial, 6.1.1.16, Cysteinyl-tRNA synthetase, CysRS, CARS2

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-CARS2 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

CARS2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CARS2 Antibody - N-terminal region - Protein Information**Name** CARS2 ([HGNC:25695](#))**Function**

Mitochondrial cysteine-specific aminoacyl-tRNA synthetase that catalyzes the ATP-dependent ligation of cysteine to tRNA(Cys).

Cellular Location

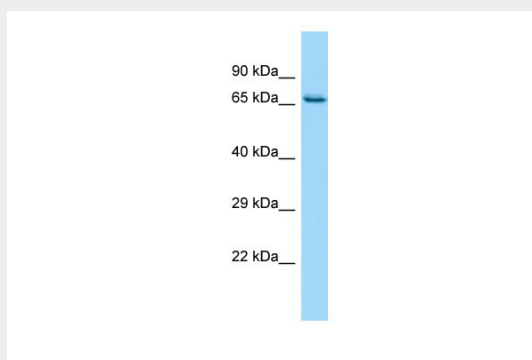
Mitochondrion.

CARS2 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](#)

CARS2 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: CARS2
Sample Tissue: HepG2 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

CARS2 Antibody - N-terminal region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham A.,et al.Nature 428:522-528(2004).
Shichijo S.,et al.Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.
Bonfond L.,et al.Biochemistry 44:4805-4816(2005).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).