

CARS2 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15581

Product Information

Application	WB
Primary Accession	Q9HA77
Other Accession	NM_024537 , NP_078813
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62224

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.

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.

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.