

MARS Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57213**Specification****MARS Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P56192
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101116

MARS Polyclonal Antibody - Additional Information**Gene ID** 4141**Other Names**

Methionine--tRNA ligase, cytoplasmic, 6.1.1.10, Methionyl-tRNA synthetase, MetRS, MARS1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=6898), MARS

Dilution

WB~1:1000
IHC-P~N/A
IHC-F~N/A
IF~1:50~200
ICC~N/A
E~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MARS Polyclonal Antibody - Protein Information**Name** MARS1 ([HGNC:6898](#))**Synonyms** MARS**Function**

Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA (PubMed: <http://www.uniprot.org/citations/11714285>). Plays a role in the synthesis of ribosomal RNA in the nucleolus (PubMed: <http://www.uniprot.org/citations/10791971>).

Cellular Location

Cytoplasm, cytosol. Nucleus, nucleolus. Note=Localizes to the nucleolus in proliferative cells but

disappears in quiescent cells

MARS Polyclonal Antibody - 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](#)

MARS Polyclonal Antibody - Images