

DARS2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55455**Specification**

DARS2 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q6PI48
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73563

DARS2 Polyclonal Antibody - Additional Information**Gene ID** 55157**Other Names**

Aspartate--tRNA ligase, mitochondrial, 6.1.1.12, Aspartyl-tRNA synthetase, AspRS, DARS2

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

DARS2 Polyclonal Antibody - Protein Information**Name** DARS2**Function**

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

Cellular Location

Mitochondrion matrix Mitochondrion membrane

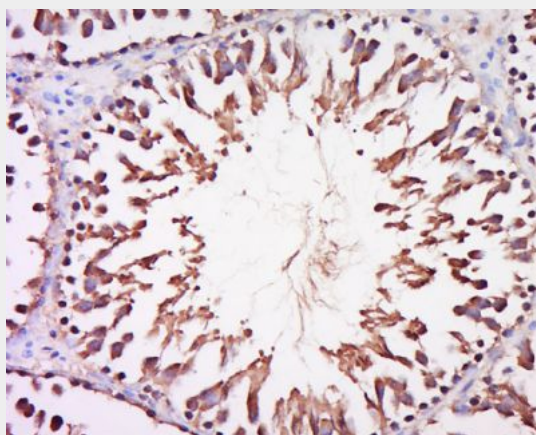
DARS2 Polyclonal Antibody - Protocols

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](#)

DARS2 Polyclonal Antibody - Images



Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-DARS2 Polyclonal Antibody, Unconjugated(bs-14198R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining