

MRS2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56855**Specification**

MRS2 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	O9HD23
Reactivity	Rat, Pig, Cat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50318

MRS2 Polyclonal Antibody - Additional Information**Gene ID** 57380**Other Names**

Magnesium transporter MRS2 homolog, mitochondrial, MRS2-like protein, MRS2, HPT, MRS2L

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.

MRS2 Polyclonal Antibody - Protein Information**Name** MRS2**Synonyms** HPT, MRS2L**Function**

Magnesium transporter that mediates the influx of magnesium into the mitochondrial matrix (PubMed:11401429, PubMed:18384665). Required for normal expression of the mitochondrial respiratory complex I subunits (PubMed:18384665).

Cellular Location

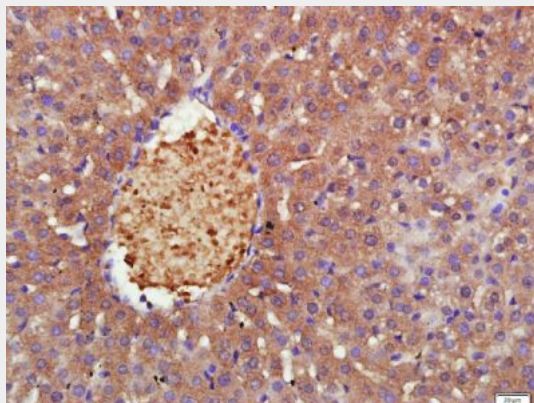
Mitochondrion inner membrane; Multi-pass membrane protein

MRS2 Polyclonal Antibody - Protocols

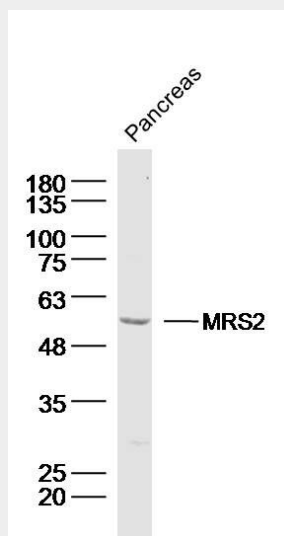
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MRS2 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MRS2) Polyclonal Antibody, Unconjugated (bs-17836R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



Sample: Pancreas (mouse) Lysate at 40 ug
Primary: Anti- MRS2(bs-17836R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50kD
Observed band size: 50 kD