SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FRRS1 antibody

Catalog Number: SL16181R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FRRS1
Immunogen:	KLH conjugated synthetic peptide derived from human FRRS1: 301-400/592
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Cow,Sheep)
Predicted MW.:	66kDa
Subcellular Location:	The cell membrane
Background:	Members of the cytochrome b561 (CYB561; MIM 600019) family, including FRRS1, reduce ferric to ferrous iron before its transport from the endosome to the cytoplasm (Vargas et al., 2003 [PubMed 14499595]).[supplied by OMIM, Mar 2008] **Function:** Ferric-chelate reductases reduce Fe(3+) to Fe(2+) before its transport from the endosome to the cytoplasm. **Subcellular Location:** Membrane. **Similarity:** Belongs to the FRRS1 family. Contains 1 cytochrome b561 domain. Contains 1 DOMON domain. Contains 1 reelin domain. **Database links:** **Entrez Gene:** 391059 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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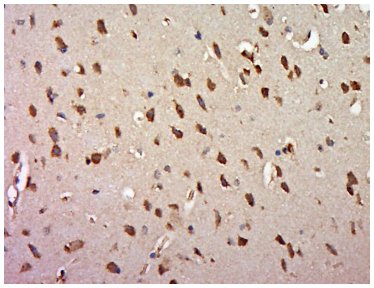
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	Omim: 611578 Human **SwissProt:** Q6ZNA5 Human **Unigene:** 454779 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (FRRS1) Polyclonal Antibody, Unconjugated (SL16181R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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