



Rabbit Anti-FRRS1 antibody

SL16181R

Product Name:	FRRS1
Chinese Name:	FRRS1蛋白抗体
Alias:	Ferric-chelate reductase 1; frrs1; FRRS1_HUMAN; SDFR2; SDR-2; SDR2; Stromal cell derived factor receptor 2 homolog; Stromal cell-derived receptor 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	66kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FRRS1:301-400/592
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

SWISS:

Q6ZNA5

Gene ID:

391059

Database links:

[Entrez Gene: 391059](#) Human

[Omid: 611578](#) Human

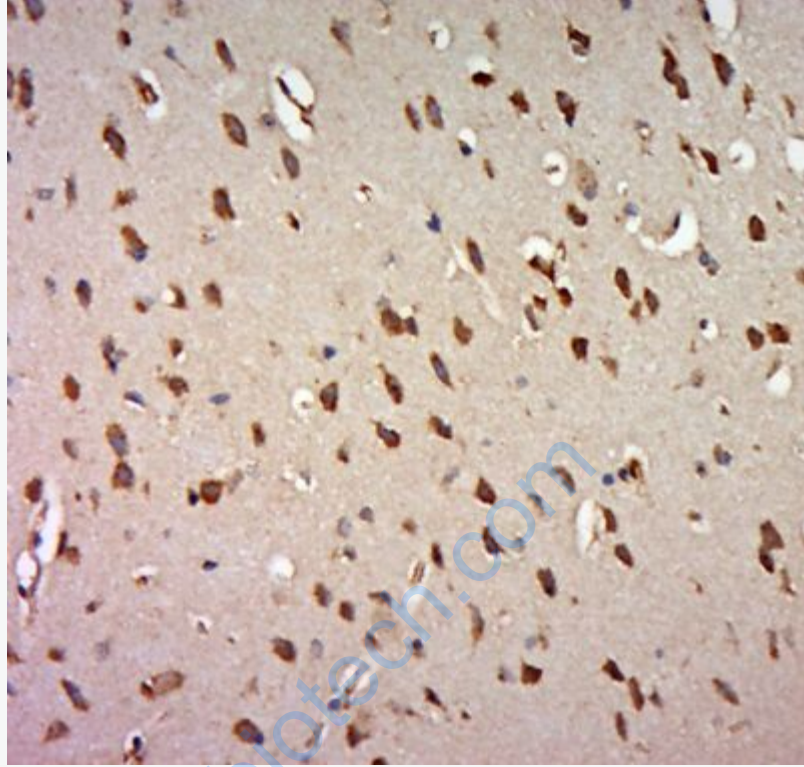
[SwissProt: Q6ZNA5](#) Human

[Unigene: 454779](#) Human

Important Note:

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

Picture:



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.