

FRRS1 Rabbit pAb

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Catalog # AP56167

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6ZNA5
Reactivity	Mouse
Predicted	Rat, Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66114
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FRRS1
Epitope Specificity	301-400/592
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	391059
Other Names	Ferric reductase 1, Stromal cell-derived receptor 2, SDR-2, FRRS1 (HGNC:27622)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

Name	FRRS1 (HGNC:27622)
Function	Ferric reductase that reduces Fe(3+) to Fe(2+) and could play a role in iron

import into cells (By similarity). The electron donor and therefore the reaction mechanism are not known (By similarity).

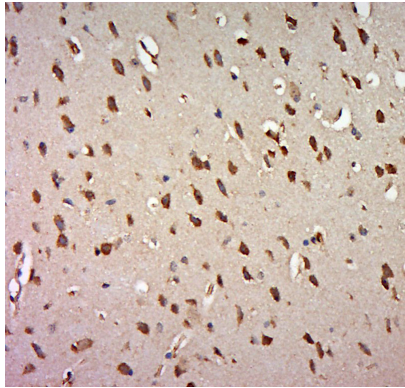
Cellular Location

Membrane; Multi-pass membrane protein

Background

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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 (AP56167) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.