

CYB561 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11966

Product Information

Application	WB
Primary Accession	P49447
Other Accession	NM_001915 , NP_001906
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine, Sheep
Predicted	Mouse, Rat, Rabbit, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27559

Additional Information

Gene ID	1534
Alias Symbol	FRRS2
Other Names	Cytochrome b561, Cytochrome b-561, CYB561
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CYB561 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CYB561 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CYB561 (HGNC:2571)
Function	Transmembrane reductase that probably uses ascorbate as an electron donor to reduce Fe(3+) into Fe(2+) and could play a role in iron transport. It is also able to reduce extracellular monodehydro-L- ascorbate and could be involved in the regeneration and homeostasis within secretory vesicles of ascorbate which in turn provides reducing equivalents needed to support the activity of intravesicular enzymes.
Cellular Location	Cytoplasmic vesicle, secretory vesicle, chromaffin granule membrane {ECO:0000250 UniProtKB:P10897}; Multi-pass membrane protein {ECO:0000250 UniProtKB:Q53TN4}. Note=Secretory vesicle containing catecholamines and amidated peptides {ECO:0000250 UniProtKB:P10897}

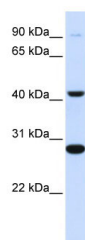
Tissue Location

Expressed in many tissues, in particular the brain especially in the cortex and hippocampus

References

Fung,M.M., (2008) Circulation 117 (4), 517-525 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-CYB561 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:12500
Positive Control: Human Muscle

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