

ARG63717 anti-Cytochrome b reductase 1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Cytochrome b reductase 1
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoform 1 (NP_079119.3) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Cytochrome b reductase 1
Species	Human
Immunogen	CRNLALDEAGQRSTM
Conjugation	Un-conjugated
Alternate Names	Duodenal cytochrome b; Cytochrome b reductase 1; EC 1.-.-.; CYB561A2; FRRS3; Ferric-chelate reductase 3; DCYTB

Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 5 µg/ml
	WB	0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

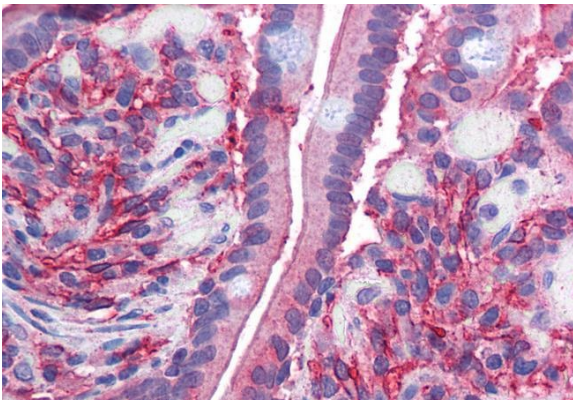
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

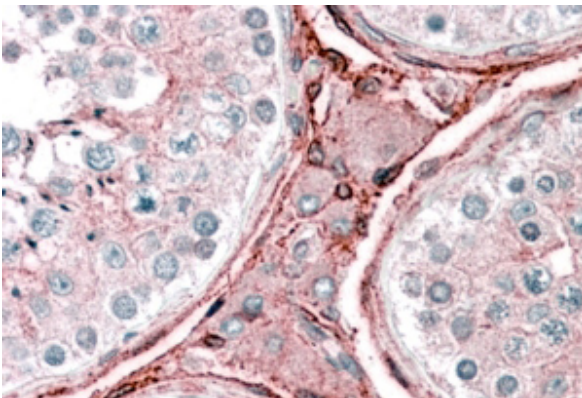
Database links	GeneID: 79901 Human Swiss-port # Q53TN4 Human
Background	This gene is a member of the cytochrome b(561) family that encodes an iron-regulated protein. It highly expressed in the duodenal brush border membrane. It has ferric reductase activity and is believed to play a physiological role in dietary iron absorption. [provided by RefSeq, Jul 2008]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	32 kDa

Images



ARG63717 anti-Cytochrome b reductase 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63717 anti-Cytochrome b reductase 1 antibody at 2.5 µg/ml dilution followed by AP-staining.



ARG63717 anti-Cytochrome b reductase 1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Testis. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63717 anti-Cytochrome b reductase 1 antibody at 2.5 µg/ml dilution followed by AP-staining.