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BCOX1 Rabbit pAb

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Catalog # AP56481

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q14667
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	253700
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BCOX1
Epitope Specificity	131-230/2235
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	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KIAA0100 (KIAA0100) is a Protein Coding gene. Diseases associated with KIAA0100 include Monocytic Leukemia and In Situ Carcinoma. May be involved in membrane trafficking.

Additional Information

Gene ID	9703
Other Names	Bridge-like lipid transfer protein family member 2, Antigen MLAA-22, Breast cancer-overexpressed gene 1 protein, Protein hobbit homolog, BLTP2 (HGNC:28960), BCOX1, KIAA0100
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

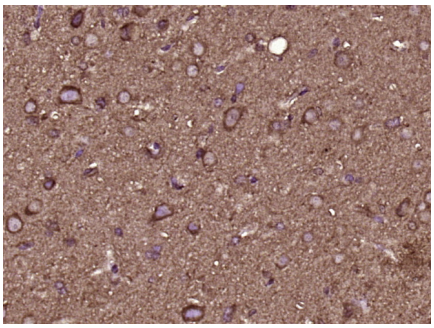
Name	BLTP2 (HGNC:28960)
Synonyms	BCOX1, KIAA0100

Function	Tube-forming lipid transport protein which binds to phosphatidylinositols and affects phosphatidylinositol-4,5-bisphosphate (PtdIns-4,5-P2) distribution.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q9VZS7}. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9VZS7} Mitochondrion membrane {ECO:0000250|UniProtKB:Q06179}. Note=Localizes to endoplasmic reticulum-cell membrane and some endoplasmic reticulum- mitochondria contact sites. {ECO:0000250|UniProtKB:Q9VZS7}
Tissue Location	Expressed in pancreas, placenta and up-regulated in breast carcinoma epithelial cells, ductal in situ carcinoma (DCIS), invasive breast carcinoma (IBC) and metastatic breast carcinoma cells (MET).

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Images



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (BCOX1) Polyclonal Antibody, Unconjugated (AP56481) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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