

BCOX1 Rabbit pAb

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Product Information

Application IHC-P, IHC-F, IF

Primary Accession
Reactivity
Mouse
Host
Clonality
Polyclonal
Calculated MW
Physical State

Q14667
Rouse
Rabbit
Polyclonal
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.

SIMILARITY Belongs to the UPF0378 family.

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

Target/Specificity 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).

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

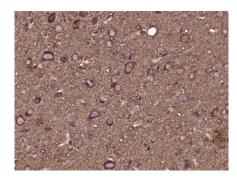
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Images



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) instructions and DAB staining.

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