

LRTOMT polyclonal antibody

Catalog: BS32350

Host: Rabbit

Reactivity: Human

BackGround:

Transmembrane O-methyltransferase: Catalyzes the O-methylation, and thereby the inactivation, of catecholamine neurotransmitters and catechol hormones (By similarity). Required for auditory function . Component of the cochlear hair cell's mechanotransduction (MET) machinery. Involved in the assembly of the asymmetric tip-link MET complex. Required for transportation of TMC1 and TMC2 proteins into the mechanically sensitive stereocilia of the hair cells. The function in MET is independent of the enzymatic activity (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~32.2 kDa

Swiss-Prot:

Q8WZ04

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

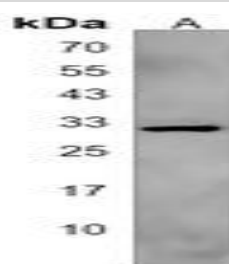
WB (1/1000 - 1/2000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of LRTOMT protein.

DATA:


Western blot analysis of ATP5B expression in K562 (A), PC3 (B), mouse liver (C), mouse kidney (D), rat liver (E), rat kidney (F) whole cell lysates.

Immunohistochemical analysis of ATP5B staining in human lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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