

RTN4IP1 polyclonal antibody

Catalog: BS31453

Host: Rabbit

Reactivity: Human

BackGround:

NAD(P)H oxidoreductase involved in the ubiquinone biosynthetic pathway . Required for the O-methyltransferase activity of COQ3 . Able to catalyze the oxidation of 3-demethylubiquinol into 3-demethylubiquinone in vitro . However, it is unclear if 3-demethylubiquinone constitutes a substrate in vivo . May also play a role in the regulation of retinal ganglion cell (RGC) neurite outgrowth, and hence in the development of the inner retina and optic nerve (By similarity). Appears to be a potent inhibitor of regeneration following spinal cord injury (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:

~43.6 kDa

Swiss-Prot:

Q8WWV3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200), FC (1/10 - 1/50)

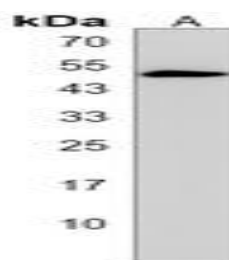
Storage&Stability:

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

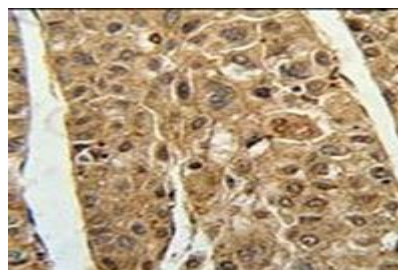
Specificity:

Recognizes endogenous levels of RTN4IP1 protein.

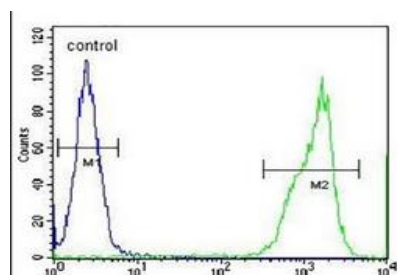
DATA:



Western blot analysis of RB1 expression in A431 (A), H1792 (B), A2780 (C) whole cell lysates.



Immunohistochemical analysis of RB1 staining in human lung cancer 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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