

Arrestin- β -1 Rabbit monoclonal antibody

Catalog: BS9935M

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Beta Arrestin 1 is a member of a family of proteins that are widely expressed but especially abundant in the central nervous system. Serving as an adaptor or scaffold molecule, beta Arrestin 1 is essential for mitogenic signaling. Beta Arrestin 1 has important roles in the cytoplasm and at the plasma membrane in the desensitization and internalization of G protein coupled receptors (GPCRs) and is increasingly appreciated to play an important role in the endocytosis and signaling of GPCRs. Beta Arrestin 1 in the cytosol is phosphorylated by ERK1 and 2 on serine 412 in a negative feedback mechanism and binds to the phosphorylated receptors at the plasma membrane.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P49407

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:2000 ICC/IF: 1:50-1:200

IHC: 1:50-1:100 FC: 1:50-1:100

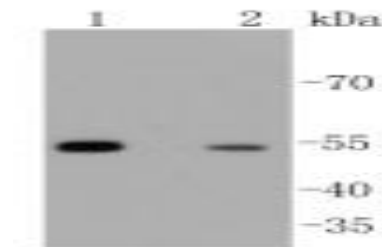
Storage&Stability:

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

Specificity:

This antibody detects endogenous levels of Arrestin- β -1 and does not cross-react with related proteins.

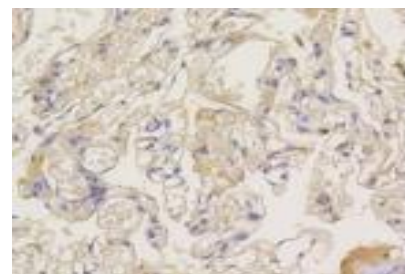
DATA:



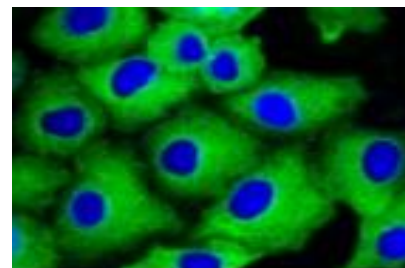
Western blot (WB) analysis of Arrestin- β -1 Rabbit mAb at 1:1000 dilution

Lane1:PC12 whole cell lysate

Lane2:Jurkat whole cell lysate



Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-beta Arrestin 1 antibody. Counter stained with hematoxylin.



ICC staining beta Arrestin 1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

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

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