

Arrestin- β -1 (Q394) polyclonal antibody

Catalog: BS2213

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:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

IF: 1:50~1:200

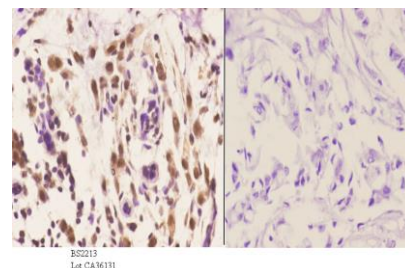
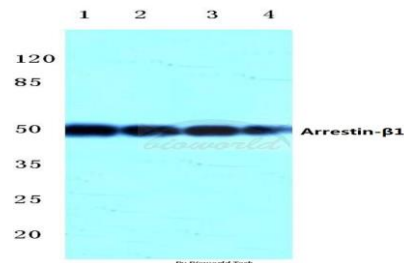
Storage&Stability:

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

Specificity:

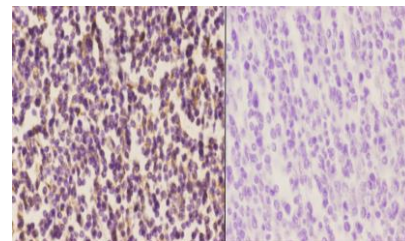
Arrestin- β -1 (Q394) polyclonal antibody detects endogenous levels of Arrestin- β -1 protein.

DATA:



BS2213
Lot CA36131

Immunohistochemistry (IHC) analyzes of Arrestin- β -1 (Q394) pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



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Immunohistochemistry (IHC) analyzes of Arrestin- β -1 (Q394) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50, showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

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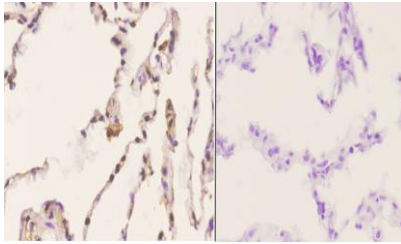
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Immunohistochemistry (IHC) analyzes of Arrestin- β -1 (Q394) pAb in paraffin-embedded human lung carcinoma tissue at 1:50, showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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