

Arrestin- β -1 (E406) polyclonal antibody

Catalog: BS1509

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:

~ 51 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

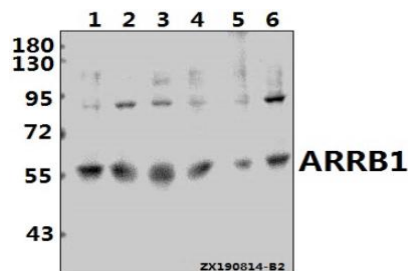
Storage&Stability:

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

Specificity:

Arrestin- β -1 (E406) polyclonal antibody detects endogenous levels of Arrestin- β -1 protein.

DATA:



Western blot (WB) analysis of ARR β 1 pAb at 1:2000 dilution

Lane1:A549 whole cell lysate(40ug)

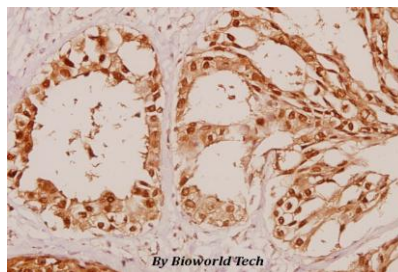
Lane2:The Brain tissue lysate of Mouse(30ug)

Lane3:The Brain tissue lysate of Rat(40ug)

Lane4:Panc1 whole cell lysate(40ug)

Lane5:HEK293T whole cell lysate(40ug)

Lane6:C6 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Arrestin- β -1 (E406) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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

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