

mAChR M2 (P224) polyclonal antibody

Catalog: BCP01048

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

The muscarinic acetylcholine receptors (mAChR) mediate a variety of cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels. The mAChRs transducer signals by coupling to G-proteins, which then modulate several downstream effector proteins and ion channels. Five mAChR subtypes have been identified, designated M1 to M5. The five receptor subtypes show distinct patterns of tissue distribution, as well as distinct pharmacological and functional properties.

Product:

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

Molecular Weight:

~ 52 kDa

Swiss-Prot:

P08172

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:

WB: 1:500~1:1000

IHC: 1:50~1:200

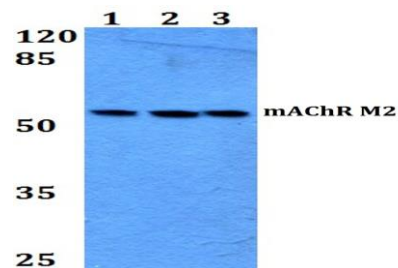
IF: 1:50~1:200

Storage&Stability:

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

Specificity:

mAChR M2 (P224) polyclonal antibody detects endogenous levels of mAChR M2 protein.

DATA:

Western blot (WB) analysis of mAChR M2 (P224) pAb at 1:1000 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)

Lane5:HEK293T whole cell lysate(40ug)

Note:

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