

## mAChR M4 (P277) polyclonal antibody

Catalog: BS3236

Host: Rabbit

Reactivity: Human, 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:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 53 kDa

### Swiss-Prot:

P08173

### 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

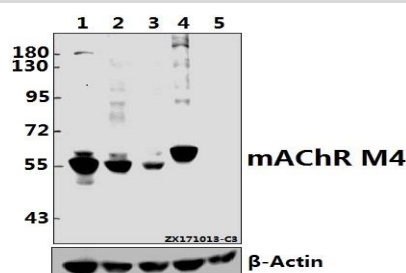
### Storage&Stability:

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

### Specificity:

mAChR M4 (P277) polyclonal antibody detects endogenous levels of mAChR M4 protein

### DATA:



Western blot (WB) analysis of mAChR M4 (P277) pAb at 1:500 dilution

Lane1:H1792 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:K562 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Lane5:SP2/0 whole cell lysate(40ug)

### Note:

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

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