

## CHRNA1 polyclonal antibody

Catalog: BS62206

Host: Rabbit

Reactivity: Human,Mouse,Rat

### BackGround:

Nicotinic acetylcholine receptors(AChRs) are found at the postsynaptic membrane of the neuromuscular junction and bind acetylcholine molecules, allowing ions to move through the pore. Glutamate receptors are found in the postsynaptic membrane of cells in the central nervous system. AChR $\alpha$ 1, also known as ACHRD, CHRNA, CMS2A, FCCMS, SCCMS or CHRNA1, is a 482 amino acid multi-pass membrane protein that exists as two alternatively spliced isoforms, which are expressed in different tissues. Isoform 1 is only expressed in skeletal muscle whereas isoform 2 is constitutively expressed in skeletal muscle, brain, heart, kidney, liver, lung and thymus.

### Product:

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

### Molecular Weight:

~ 60 kDa

### Swiss-Prot:

P02708

### 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

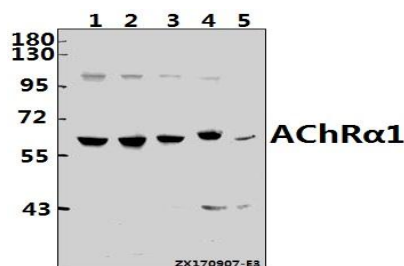
### Storage&Stability:

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

### Specificity:

CHRNA1 polyclonal antibody detects endogenous levels of CHRNA1 protein.

### DATA:



Western blot (WB) analysis of CHRNA1 pAb at 1:500 dilution

Lane1:HepG2 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:PC3 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Lane5:H9C2 whole cell lysate(40ug)

### Note:

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

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