AChRα3 (L139) polyclonal antibody

Catalog: BCP00136 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The nicotinic acetylcholine receptor (nAChR) is a ligand gated ion channel that mediates neurotransmission at the neuromuscular junction, autonomic ganglia and at some sites in the central nervous system. Distinct nAChR subtypes exist that can be stimulated by the neurotransmitter acetylcholine, the natural product nicotine, or by synthetic compounds. After binding acetylcholine, Nicotinic Acetylcholine Receptor alpha 3 responds by an extensive change in conformation that affects all subunits and leads to opening of an ion conducting channel across the plasma membrane.

Product:

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

Molecular Weight:

~ 60 kDa

Swiss-Prot:

P32297

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

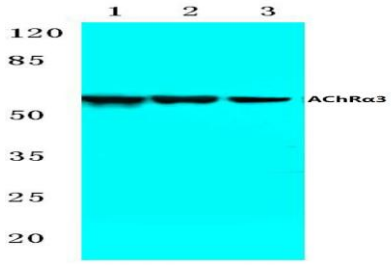
Storage&Stability:

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

Specificity:

AChRα3 (L139) polyclonal antibody detects endogenous levels of Neuronal acetylcholine receptor subunit α3 protein.

DATA:



Western blot (WB) analysis of AChRα3 (L139) pAb at 1:500 dilution

Lane1:The Brain tissue lysate of Mouse(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)

Note:

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

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