

AChR α 5 polyclonal antibody

Catalog: BS6567

Host: Rabbit

Reactivity: Human, Mouse

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. The activity that is generated at the synapse by the binding of acetylcholine is terminated by acetylcholinesterase, an enzyme that rapidly hydrolyzes acetylcholine. AChR α 5, also known as LNCR2 or CHRNA5 (cholinergic receptor, nicotinic, alpha 5), is a 468 amino acid multi-pass membrane protein belonging to the ligand-gated ionic channel family and is involved in the mediation of fast signal transmission at synapses.

Product:

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

Molecular Weight:

~ 53 kDa

Swiss-Prot:

P30532

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

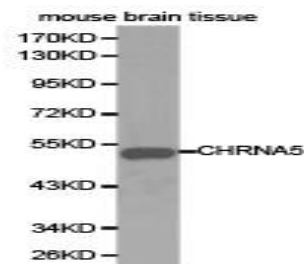
Storage&Stability:

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

Specificity:

AChR α 5 polyclonal antibody detects endogenous levels of AChR α 5 protein.

DATA:



Western blot analysis of extracts of mouse brain tissue cell lines, using AChR α 5 antibody.

Note:

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

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