

CAB1648

Product Information

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| Product SKU: | CAB1648 | Gene ID: | 1137 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Mouse |

Additional Information

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| Observed MW: | 70kDa | Conjugate: | Unconjugated |
| Calculated MW: | 70kDa | Isotype: | IgG |

Immunogen Information

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| Background: | This gene encodes a nicotinic acetylcholine receptor, which belongs to a superfamily of ligand-gated ion channels that play a role in fast signal transmission at synapses. These pentameric receptors can bind acetylcholine, which causes an extensive change in conformation that leads to the opening of an ion-conducting channel across the plasma membrane. This protein is an integral membrane receptor subunit that can interact with either nAChR beta-2 or nAChR beta-4 to form a functional receptor. Mutations in this gene cause nocturnal frontal lobe epilepsy type 1. Polymorphisms in this gene that provide protection against nicotine addiction have been described. Alternative splicing results in multiple transcript variants. |
| Recommended Dilution: | WB,1:500 - 1:2000 IF,1:50 - 1:200 |
| Synonyms: | EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4; ACHA4 |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 29-242 of human ACHA4 (P43681). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |