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Recombinant anti-CHRM3 antibody

Images



Overview

| Quantity: | 100 μL |
|----------------|--|
| Target: | CHRM3 |
| Reactivity: | Human |
| Host: | Rabbit |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Monoclonal |
| Conjugate: | This CHRM3 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| Immunogen: | A synthesized peptide derived from human Muscarinic Acetylcholine Receptor M3 |
|-------------------|---|
| Clone: | 2D4 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Affinity-chromatography |

Target Details

| Target: | CHRM3 |
|-------------------|--|
| Alternative Name: | CHRM3 (CHRM3 Products) |
| Background: | Background: The muscarinic acetylcholine receptor mediates various cellular responses, |

Target Details

| including inhibition of adenylate cyclase, breakdown of phosphoine | ositides and modulation of |
|--|--------------------------------|
| potassium channels through the action of G proteins. Primary tran | sducing effect is Pi turnover. |
| Aliases: Muscarinic acetylcholine receptor M3, CHRM3 | |

UniProt: P20309

Pathways: Synaptic Membrane

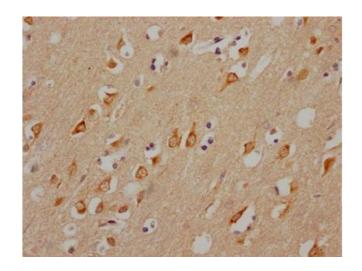
Application Details

| Application Notes: | Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200, |
|--------------------|--|
| Restrictions: | For Research Use only |

Handling

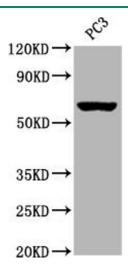
| Handling | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |

Images



Immunohistochemistry

Image 1. IHC image of ABIN7127632 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05 % DAB.



Western Blotting

Image 2. Western Blot Positive WB detected in:PC3 whole cell lysate All lanes: Muscarinic Acetylcholine Receptor M3 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 67 kDa Observed band size: 67 kDa