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CHRM3 Rabbit pAb

Catalog No.: A1602

7 Publications

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Basic Information

Observed MW
66kDa

Calculated MW
66kDa

Category
Polyclonal Antibodies

Applications
WB, IF-F, ELISA

Cross Reactivity
Human, Mouse, Rat

Background

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 3 controls smooth muscle contraction and its stimulation causes secretion of glandular tissue. Alternative promoter use and alternative splicing results in multiple transcript variants that have different tissue specificities.

Recommended Dilutions

WB	1:1000 - 1:5000
IF-F	1:200 - 1:800

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1131

Swiss-Prot
P20309

Immunogen
This information is considered to be commercially sensitive.

Synonyms
HM3; PBS; EGBRS; CHRM3

Contact

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Product Information

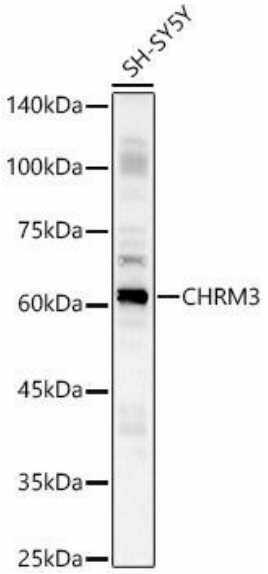
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from SH-SY5Y cells, using CHRM3 Rabbit pAb (A1602) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.