

ACM3 Rabbit pAb

CatalogNo: YN2542

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 64kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 270-350

Specificity ACM3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CHRM3

Protein Name Muscarinic acetylcholine receptor M3

| Organism | Gene ID | UniProt ID |
|----------|------------------------|--------------------------|
| Human | 1131 ; | P20309 ; |
| Mouse | | Q9ERZ3 ; |
| Rat | | P08483 ; |

Cellular Localization

Cell membrane ; Multi-pass membrane protein . Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Colocalizes with TMEM147 in the endoplasmic reticulum (ER) membrane. TMEM147 impairs its trafficking to the cell membrane leading to its retention in the ER membrane. .

Tissue specificity Brain, Teratocarcinoma,

Function

Function: The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover. , similarity: Belongs to the G-protein coupled receptor 1 family. ,

| Validation Data

| Contact information

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Telephone: 877-594-3616 (Toll Free), 408-747-0185
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Please scan the QR code to access additional product information:
ACM3 Rabbit pAb

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