

ACM3 Rabbit pAb

CatalogNo: YN2542

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 64kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

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.

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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Please scan the QR code to access additional product information:
ACM3 Rabbit pAb

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