Recombinant Muscarinic Acetylcholine Receptor 2/CM2 Monoclonal Antibody

catalog number: **AN301426L**

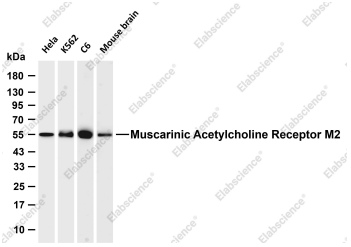
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	The specific immunogen used to produce this antibody is proprietary information
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111049
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IF	1:200-1:1000
IP	1:50-1:200
ELISA	1:5000-1:20000

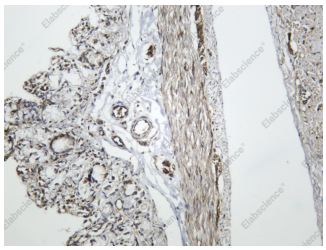
Data



Western blot analysis of Hela, K562, C6 and Mouse brain cell lysates using Muscarinic Acetylcholine Receptor 2/CM2 Antibody (AN301426L).

Observed-MW:55 kDa

Calculated-MW:52 kDa



Immunohistochemical analysis of paraffin-embedded Rat colon sections using Muscarinic Acetylcholine Receptor 2/CM2 Antibody (AN301426L).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

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 adenylate cyclase inhibition. Signaling promotes phospholipase C activity, leading to the release of inositol trisphosphate (IP3); this then triggers calcium ion release into the cytosol.

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