

# CHRM1 Polyclonal Antibody

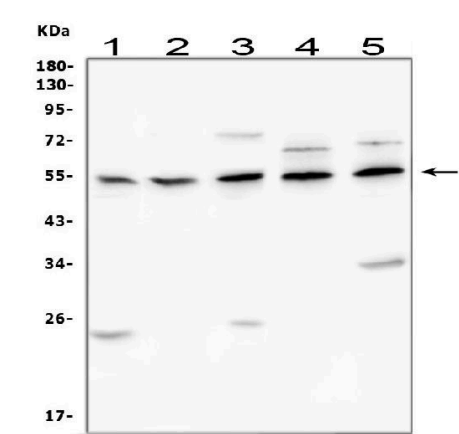
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human muscarinic Acetylcholine Receptor 1 (303-317aa KMPMVDPEAQAPTKQ).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide, 0.05mg thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2806956

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-

## Product Specific Information

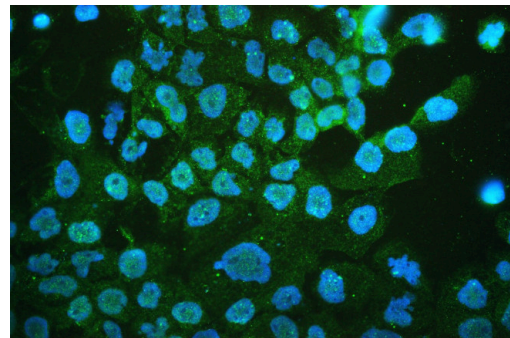
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For CHRM1 Polyclonal Antibody



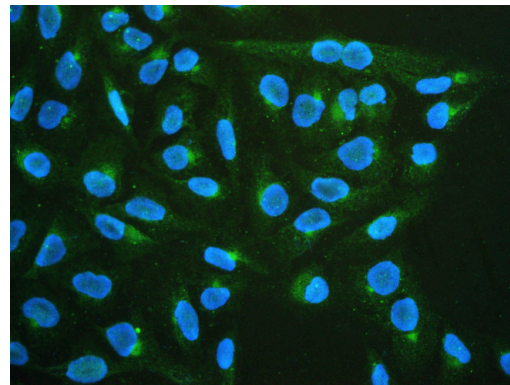
**CHRM1 Antibody (PA5-95151) in WB**

Western blot analysis of CHRM1 in, Lane 1: rat brain tissue lysates, Lane 2: rat C6 whole cell lysates, Lane 3: mouse RAW246. 7 whole cell lysates, Lane 4: human U2OS whole cell lysates, Lane 5: human SHG-44 whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. The membrane was blocked with 5% Non-fat Milk/ TBS for 1. 5 hour at RT. The membrane was incubated with CHRM1 Polyclonal Antibody (Product # PA5-95151) at 0.5 g/mL overnight at 4°C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for CHRM1 at approximately 55KD. The expected band size for CHRM1 is at 51KD.



**CHRM1 Antibody (PA5-95151) in ICC/IF**

Immunofluorescence analysis of CHRM1 in A431 cell. Antigen retrieval was performed on the tissue using IHC enzyme antigen retrieval reagent and blocked with 10% goat serum. Samples were incubated with CHRM1 polyclonal antibody (Product # PA5-95151) at a 2 µg/1x10<sup>6</sup> cells dilution, followed by 488 conjugated goat anti-rabbit IgG using a 1:100 dilution and DAPI.



**CHRM1 Antibody (PA5-95151) in ICC/IF**

Immunofluorescence analysis of CHRM1 in U2OS cell. Antigen retrieval was performed on the tissue using IHC enzyme antigen retrieval reagent and blocked with 10% goat serum. Samples were incubated with CHRM1 polyclonal antibody (Product # PA5-95151) at a 2 µg/mL dilution, followed by 488 conjugated goat anti-rabbit IgG using a 1:100 dilution and DAPI.

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