

CHRFAM7A Rabbit Polyclonal Antibody

Catalog No: #55344

Package Size: #55344-1 50ul #55344-2 100ul



SAB[®]

Signalway Antibody

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

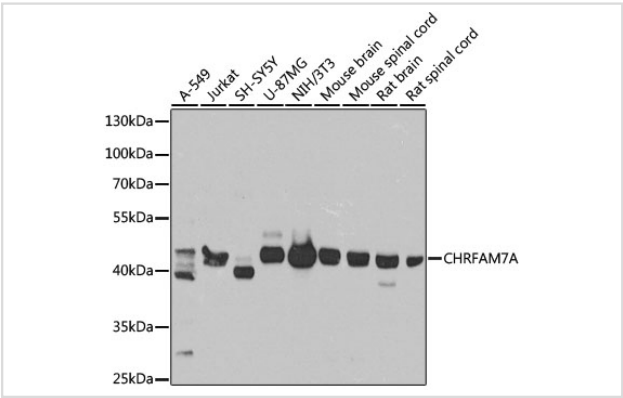
Description

Product Name	CHRFAM7A Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CHRFAM7A (NP_647536.1).
Conjugates	Unconjugated
Other Names	CHRFAM7A;CHRNA7;CHRNA7-DR1;D-10
Accession No.	Swiss Prot:Q494W8GeneID:89832
Calculated MW	46kDa
SDS-PAGE MW	46kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

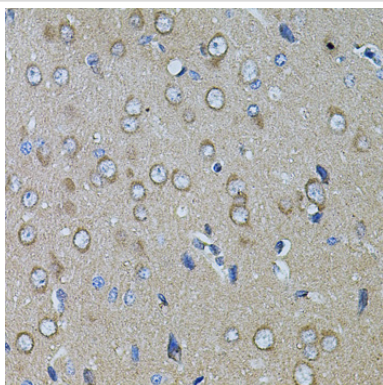
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

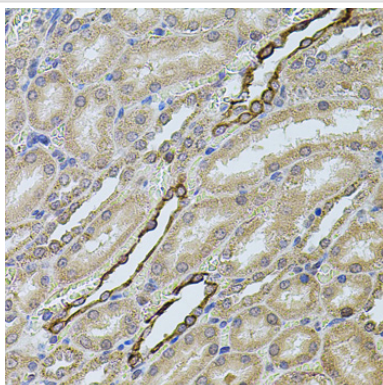
Images



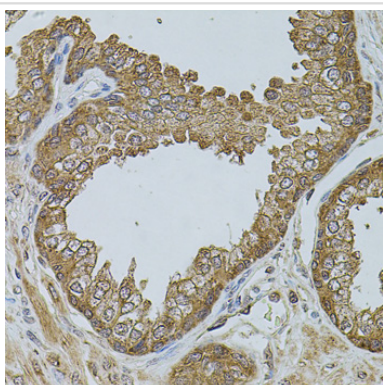
Western blot analysis of extracts of various cell lines, using CHRFAM7A at 1:1000 dilution.



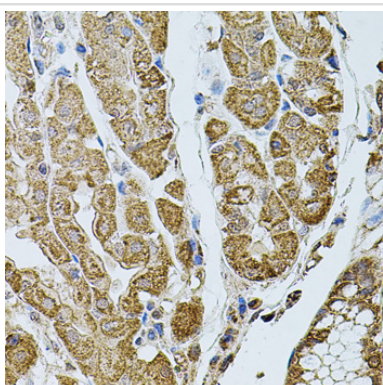
Immunohistochemistry of paraffin-embedded rat brain using CHRFAM7A at dilution of 1:100 (40x lens).



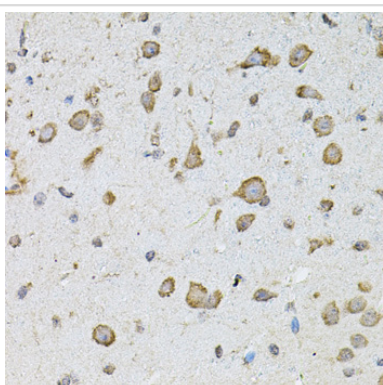
Immunohistochemistry of paraffin-embedded rat kidney using CHRFAM7A at dilution of 1:100 (40x lens).



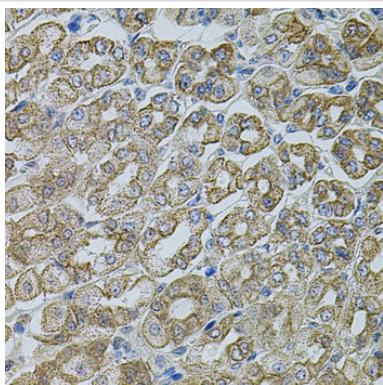
Immunohistochemistry of paraffin-embedded human prostate using CHRFAM7A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using CHRFAM7A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using CHRFAM7A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse stomach using CHRFA7A at dilution of 1:100 (40x lens).

Background

The nicotinic acetylcholine receptors (nAChRs) are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The family member CHRNA7, which is located on chromosome 15 in a region associated with several neuropsychiatric disorders, is partially duplicated and forms a hybrid with a novel gene from the family with sequence similarity 7 (FAM7A). Alternative splicing has been observed, and two variants exist, for this hybrid gene. The N-terminally truncated products predicted by the largest open reading frames for each variant would lack the majority of the neurotransmitter-gated ion-channel ligand binding domain but retain the transmembrane region that forms the ion channel. Although current evidence supports transcription of this hybrid gene, translation of the nicotinic acetylcholine receptor-like protein-encoding open reading frames has not been confirmed.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.