

Rabbit anti-Human, Mouse CHRN3 Polyclonal Antibody | anti-CHRN3 antibody

CHRN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234392	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

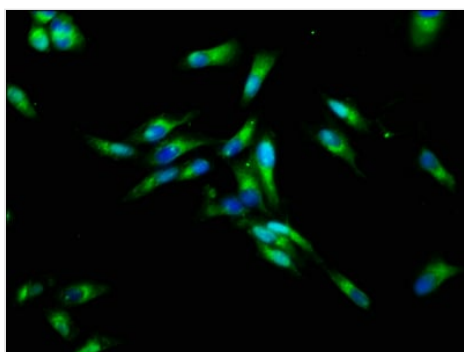
PRODUCT SYNONYMS

CHRN3; Polyclonal Antibody; CHRN3 Antibody; Neuronal acetylcholine receptor subunit beta-3; anti-CHRN3 antibody

PRODUCT SPECIFICATIONS

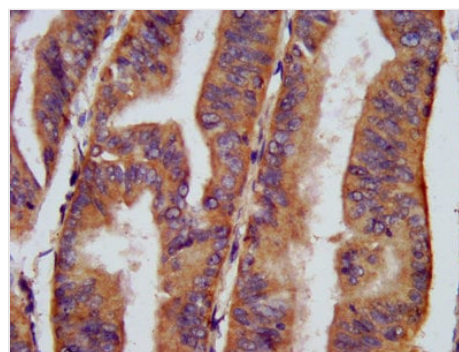
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	458
Applicable Applications for anti-CHRN3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Neuronal acetylcholine receptor subunit beta-3 protein (67-218AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



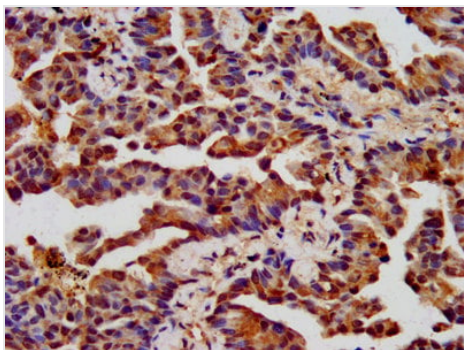
IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234392 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



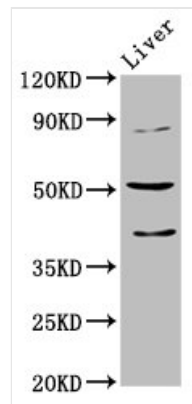
IHC (Immunohistochemistry)

IHC image of AAA234392 diluted at 1:400 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234392 diluted at 1:400 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Mouse liver tissue All lanes: CHRNB3 antibody at 5.1ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 53 KDa Observed band size: 53 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA3 antibody	After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.
Product Categories/Family for anti-CHRNA3 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502835
NCBI GeneID	1142
NCBI Accession #	NP_000740.1
NCBI GenBank Nucleotide #	NM_000749.4
UniProt Accession #	Q05901; Q15827
Molecular Weight	52,729 Da
NCBI Official Full Name	neuronal acetylcholine receptor subunit beta-3 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor nicotinic beta 3 subunit
NCBI Official Symbol	CHRNA3
NCBI Protein Information	neuronal acetylcholine receptor subunit beta-3
UniProt Protein Name	Neuronal acetylcholine receptor subunit beta-3
UniProt Gene Name	CHRNA3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chrb3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234392>