Rabbit CHRNG Polyclonal Antibody | anti-CHRNG antibody

CHRNG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327812	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CHRNG; Polyclonal Antibody; CHRNG Antibody; Acetylcholine receptor muscle gamma subunit; Acetylcholine receptor protein gamma chain precursor; Acetylcholine receptor subunit gamma; ACHG; ACHG_HUMAN; Achr 3; AChR; Achr3; ACHRG; ACRG; Cholinergic receptor nicotinic gamma; Cholinergic receptor nicotinic gamma polypeptide; MGC133376; anti-CHRNG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CHRNG Antibody detects endogenous levels of total CHRNG.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CHRNG antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CHRNG, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES

IHC (Immunohiostchemistry)
AAA327812 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

WB (Western Blot)
Western blot analysis of extracts from Mouse muscle, using CHRNG Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNG 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61743914
NCBI GeneID	1146

NCBI Accession #	NP_005190.4
NCBI GenBank Nucleotide #	NM_005199.5
UniProt Accession #	P07510; Q14DU4; Q53RG2; B3KWM8
Molecular Weight	58 kDa
NCBI Official Full Name	acetylcholine receptor subunit gamma
NCBI Official Synonym Full Names	cholinergic receptor nicotinic gamma subunit
NCBI Official Symbol	CHRNG
NCBI Official Synonym Symbols	ACHRG
NCBI Protein Information	acetylcholine receptor subunit gamma
UniProt Protein Name	Acetylcholine receptor subunit gamma
UniProt Gene Name	**CHRNG**
UniProt Synonym Gene Names	ACHRG

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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