

Rabbit CHRNE Polyclonal Antibody | anti-CHRNE antibody

CHRNE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330064	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

CHRNE; Polyclonal Antibody; CHRNE Antibody; Acetylcholine receptor subunit epsilon; ACHE_HUMAN; AChR; AchR epsilon subunit; ACHRE; Cholinergic receptor; nicotinic; epsilon polypeptide; Chrne; CMS1D; CMS1E; CMS2A; FCCMS; SCCMS; anti-CHRNE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin
Form/Format	Rabbit 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-CHRNE antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	IHC: 1:50-1:200; IF/ICC: 1:100-1:500; WB: 1:500-1:2000. IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human CHRNE.
Preparation and Storage	Store at -20 °C. Stable for 12 months from date of receipt.

IMAGES



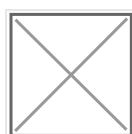
WB (Western Blot)

Western blot analysis of lysates from Mouse brain, using CHRNE Ab at 1/1000 dilution. 5ug/NC membrane strip. Exposure for 30s with Affinity™ ECL Kit. Bands result from membrane strip incubation.



IHC (Immunohistochemistry)

At 1/100 staining rat testis 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 Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.



IF (Immunofluorescence)

Staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CHRNE antibody	Cell junction; Synapse; Postsynaptic cell membrane; Multi-pass membrane protein; Cell membrane; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557463
NCBI GeneID	1145
NCBI Accession #	NP_000071.1
NCBI GenBank Nucleotide #	NM_000080.3
UniProt Accession #	Q04844; D3DTK6
NCBI Official Full Name	acetylcholine receptor subunit epsilon
NCBI Official Synonym Full Names	cholinergic receptor nicotinic epsilon subunit
NCBI Official Symbol	CHRNE
NCBI Official Synonym Symbols	ACHRE; CMS1D; CMS1E; CMS2A; CMS4A; CMS4B; CMS4C; FCCMS; SCCMS
NCBI Protein Information	acetylcholine receptor subunit epsilon
UniProt Protein Name	Acetylcholine receptor subunit epsilon
UniProt Gene Name	CHRNE
UniProt Synonym Gene Names	ACHRE
UniProt Entry Name	ACHE_HUMAN

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.