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anti-CHRNA7 antibody (Internal Region)

2 Images



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Overview

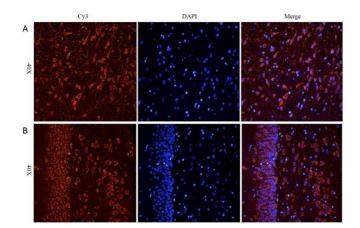
Quantity:	100 μg
Target:	CHRNA7
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CHRNA7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CHRNA7
Sequence:	KRPGEDKVRP ACQHKQ
Isotype:	IgG
Specificity:	This antibody also reacts with CHRNA7-FAM7A fusion isoform 1 (NP_647536.1) and isoform 2 (NP_683709.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

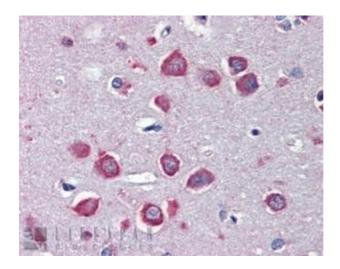
Target Details

rarget Details	
Target:	CHRNA7
Alternative Name:	CHRNA7 (CHRNA7 Products)
Background:	CHRNA7, cholinergic receptor, nicotinic, alpha 7, NACHRA7, a7 nicotinic acetylcholine receptor alpha 7 neuronal nicotinic acetylcholine receptor, alpha-7 nicotinic cholinergic receptor subunit alpha7 nicotinic receptor subunit, cholinergic receptor, nic
Gene ID:	1139, 11441, 25302
NCBI Accession:	NP_000737
Pathways:	Synaptic Membrane
Application Details	
Application Notes:	Immunohistochemistry: In paraffin embedded Rat Cerebral Cortex and Rat Hippocampus shows membranous staining in neural cells. Recommended concentration: 5-10 µg/mL. Paraffin embedded Human Brain (Cortex). Recommended concentration: 3-6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN5539917 (5ug/ml) staining of paraffin embedded Rat Cerebral Cortex (A) and Rat Hippocampus (B), CRY-staining with DAPI nuclear counter stain in blue. Antigen retrieval with citrate buffer pH 6 at 95-98C.



Immunohistochemistry

Image 2. ABIN5539917 ($3\mu g/ml$) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.