



Datasheet for ABIN308406
anti-CHRN2 antibody (Internal Region)



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2 Images

Overview

Quantity:	100 µg
Target:	CHRN2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CHRN2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CHRN2
Immunogen:	Peptide with sequence QPRHHCARQLR, from the internal region of the protein sequence according to NP_000739.1.
Sequence:	QPRHHCARQR LR
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

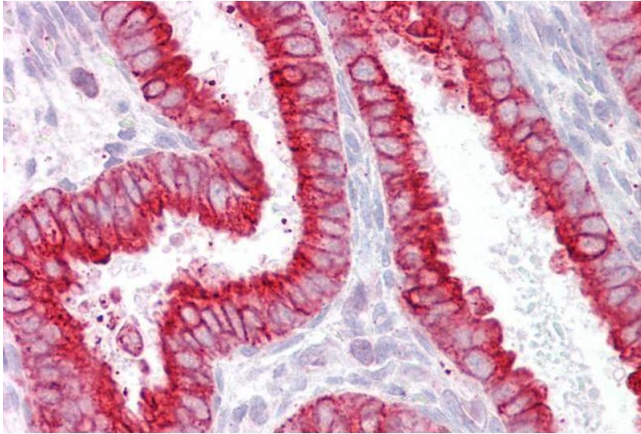
Target:	CHRNA2
Alternative Name:	CHRNA2 (CHRNA2 Products)
Background:	CHRNA2 , cholinergic receptor, nicotinic, beta 2 (neuronal) , EFNL3, nAChRB2, cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal), neuronal nicotinic acetylcholine receptor beta 2
Gene ID:	1141
NCBI Accession:	NP_000739
Pathways:	Sensory Perception of Sound , Feeding Behaviour

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Uterus. Recommended concentration: 2.5 µg/mL. Western Blot: Approx. 40-48 kDa band observed in Human Brain (Cerebellum,) lysates (calculated MW of 57.0 kDa according to NP_000739.1). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3 µg/mL. Primary incubation Peptide ELISA: antibody detection limit dilution 1:64000.
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. ABIN308406 (2.5µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN308406 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.