

## Datasheet for ABIN1108430 **anti-CHRNA4 antibody**

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### Overview

Quantity:	0.1 mg
Target:	CHRNA4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	Synthetic peptide derived from CHRNA4 protein
Specificity:	This antibody reacts with 56 kDa CHRNA4 protein.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein A

### Target Details

Target:	CHRNA4
Alternative Name:	Neuronal Acetylcholine Receptor Subunit beta-4 ( <a href="#">CHRNA4 Products</a> )
Background:	The Nicotinic Acetylcholine Receptors (nAChRs) are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are thought to be (hetero)pentamers composed of homologous subunits. After binding acetylcholine, the nAChR

### Target Details

	responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.Synonyms: CHRNB4, Nicotinic acetylcholine receptor subunit beta 4
Gene ID:	1143
NCBI Accession:	<a href="#">NP_000741</a>

### Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

### Handling

Reconstitution:	Restore in distilled water.
Buffer:	0.1 M Tris, 0.1 M Glycine and 2 % Sucrose, None
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store the antibody at -20 °C. Store reconstituted antibody at 2-8 °C for one month or (in aliquots) at -20 °C for longer.