

CHRNA5 rabbit monoclonal antibody

Catalog # H00001138-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CHRNA5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CHRNA5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CHRNA5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CHRNA5

Entrez GeneID	1138
GeneBank Accession#	CHRNA5
Gene Name	CHRNA5
Gene Alias	LNCR2
Gene Description	cholinergic receptor, nicotinic, alpha 5
Omim ID	118505
Gene Ontology	Hyperlink
Gene Summary	Nicotinic acetylcholine receptors (nAChRs), such as CHRNA5, 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. See MIM 118508 for additional background information on AChRs.[supplied by OMIM]
Other Designations	Cholinergic receptor, neuronal nicotinic, alpha polypeptide-5 cholinergic receptor, nicotinic, alpha polypeptide 5 neuronal nicotinic acetylcholine receptor, alpha5 subunit

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