

CHRNA6 Antibody

Catalog No: #46496

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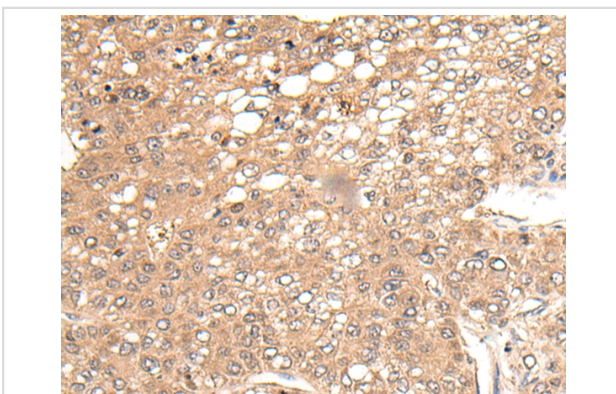
Description

Product Name	CHRNA6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CHRNA6 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CHRNA6
Target Name	CHRNA6
Other Names	CHNRA6
Accession No.	Swiss-Prot:Q15825NCBI Gene ID:8973NCBI Protein:NP_004189
Uniprot	Q15825
GeneID	8973;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 25-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46496(CHRNA6 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes an alpha subunit of neuronal nicotinic acetylcholine receptors. These receptors consist of five subunits and function as ion channels involved in neurotransmission. The encoded protein is a subunit of neuronal nicotinic acetylcholine receptors that mediate dopaminergic neurotransmission and are activated by acetylcholine and exogenous nicotine. Alternatively spliced transcript variants have been observed for this gene. Single nucleotide polymorphisms in this gene have been associated with both nicotine and alcohol dependence.?

Note: This product is for in vitro research use only