

Rabbit CHRNA3 Polyclonal Antibody | anti-CHRNA3 antibody

CHRNA3 Polyclonal Antibody

CATALOG # AAA168907	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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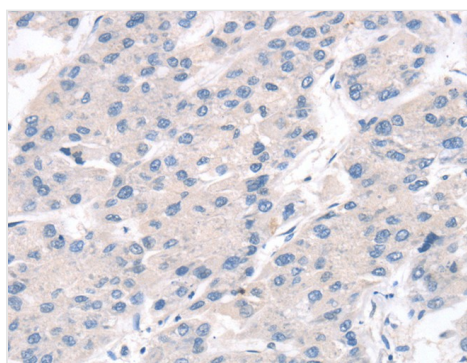
PRODUCT SYNONYMS

CHRNA3; Polyclonal Antibody; CHRNA3 Polyclonal Antibody; LNCR2; PAOD2; NACHRA3; anti-CHRNA3 antibody

PRODUCT SPECIFICATIONS

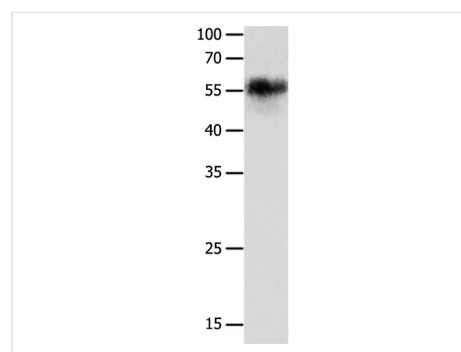
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	489
Applicable Applications for anti-CHRNA3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human CHRNA3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using CHRNA3 Polyclonal Antibody at dilution of 1:10



WB (Western Blot)

Western Blot analysis of HeLa cell using CHRNA3 Polyclonal Antibody at dilution of 1:600

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA3 antibody	This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13543946
NCBI GeneID	1136
Molecular Weight	55,637 Da
NCBI Official Full Name	CHRNA3 protein
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha 3 (neuronal)
NCBI Official Symbol	CHRNA3
NCBI Official Synonym Symbols	LNCR2; PAOD2; NACHRA3
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-3; cholinergic receptor, nicotinic, alpha polypeptide 3; neuronal nicotinic acetylcholine receptor, alpha3 subunit
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-3
UniProt Gene Name	CHRNA3
UniProt Synonym Gene Names	NACHRA3
UniProt Entry Name	ACHA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.