

Datasheet for ABIN2792247
anti-CHRNA3 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	CHRNA3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CHRNA3
Sequence:	LPVARASEAE HRLFERLFED YNEIIRPVAN VSDPVIIHFE VSMSQLVKVD
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 92%, Human: 100%, Mouse: 85%, Rabbit: 100%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against CHRNA3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CHRNA3
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Target Details

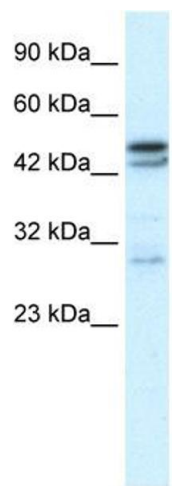
Alternative Name:	CHRNA3 (CHRNA3 Products)
Background:	<p>The CHRNA3 subunit is expressed in the soma of the majority of pyramidal cells, with the most alpha 3 immunoreactivity observed in CA2-4 and entorhinal cortex and relatively less in CA1 and subicular pyramidal cell soma.</p> <p>Alias Symbols: LNCR2, PAOD2, NACHRA3</p> <p>Protein Interaction Partner: Ubqln1, CHRNB4,</p> <p>Protein Size: 505</p>
Molecular Weight:	57 kDa
Gene ID:	1136
NCBI Accession:	NM_000743 , NP_000734
UniProt:	P32297
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 505 AA
Restrictions:	For Research Use only

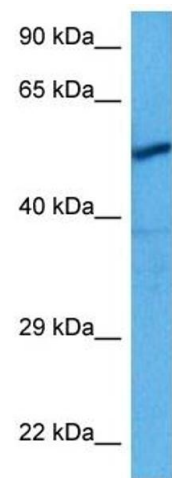
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



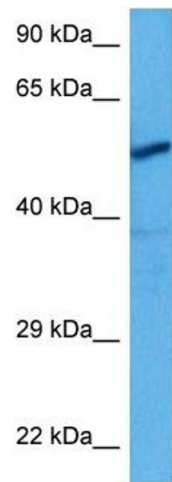
Western Blotting

Image 1. WB Suggested Anti-CHRNA3 Antibody Titration:
0.1ug/ml Positive Control: Human Thymus



Western Blotting

Image 2. Host: Rat Target Name: CHRNA3 Sample Tissue:
Rat Skeletal Muscle Antibody Dilution: 1ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: CHRNA3 Sample
Tissue: Rat Skeletal Muscle Antibody Dilution: 1ug/ml