



Datasheet for ABIN6736367
anti-CHRNA9 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CHRNA9
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Pig, Bat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human CHRNA9 (Q9UGM1, NP_060051). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey, Galago, Marmoset, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig (100%), Mouse (93%), Zebra finch, Chicken, Xenopus, Trachemys (92%), Rat (86%), Turkey, Lizard (85%), Zebrafish (80%). Type of Immunogen: Synthetic peptide
Specificity:	Human CHRNA9
Predicted Reactivity:	Percent identity by BLAST analysis: Dog, Bovine, Rabbit, Horse, Guinea pig (100%) Mouse (93%) Zebrafish (80%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: CHRNA9

Alternative Name: CHRNA9 ([CHRNA9 Products](#))

Background: Name/Gene ID: CHRNA9
Subfamily: Nicotinic acetylcholine receptor
Family: Ion Channel

Synonyms: CHRNA9, AChR-alpha9, NACHR alpha 9, NACHRA9, HSA243342, NACHR alpha-9

Gene ID: 55584

NCBI Accession: [NP_060051](#)

UniProt: [Q9UGM1](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.06 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

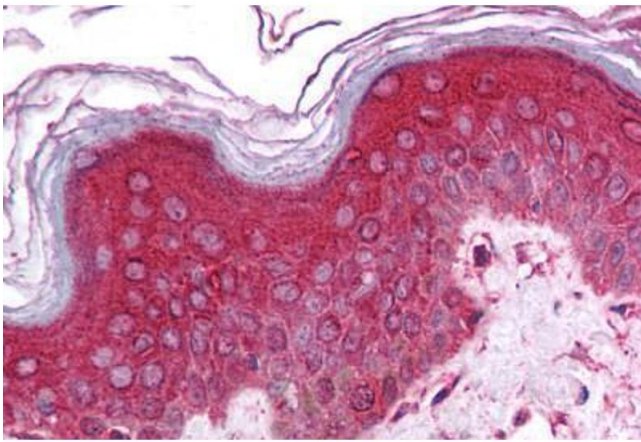
Reconstitution: After adding water, will consist of PBS buffer with 2 % sucrose

Concentration: Lot specific

Handling

Buffer:	Lyophilized.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Human Skin (formalin-fixed, paraffin-embedded) stained with CHRNA9 antibody ABIN214741 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.