

Datasheet for ABIN5647951
anti-CHRNA5 antibody (AA 44-76)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CHRNA5
Binding Specificity:	AA 44-76
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 44-76 (AKHEDSLLKDLFQDYERWVRPVEHLNDKIKIKF) from the human protein were used as the immunogen for the CHRNA5 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	CHRNA5
Alternative Name:	CHRNA5 (CHRNA5 Products)
Background:	Neuronal acetylcholine receptor subunit alpha-5 is a protein that in humans is encoded by the CHRNA5 gene. It is mapped to 15q25.1. The protein encoded by this gene is a nicotinic acetylcholine receptor subunit and a member of a superfamily of ligand-gated ion channels that

Target Details

mediate fast signal transmission at synapses. These receptors are thought to be heteropentamers composed of separate but similar subunits. Defects in this gene have been linked to susceptibility to lung cancer type 2 (LNCR2).

UniProt: [P30532](#)

Application Details

Application Notes: Optimal dilution of the CHRNA5 antibody should be determined by the researcher.\. WB: 0.5-1 μ g/mL,IHC (FFPE): 1-2 μ g/mL

Restrictions: For Research Use only

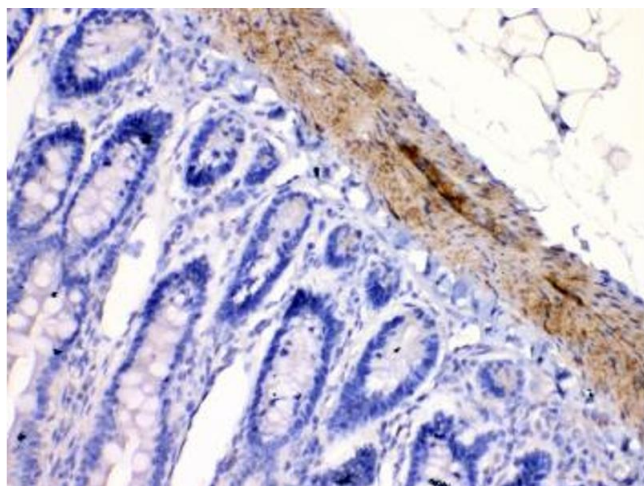
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

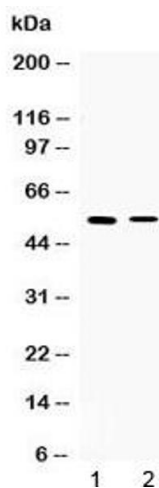
Storage Comment: After reconstitution, the CHRNA5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



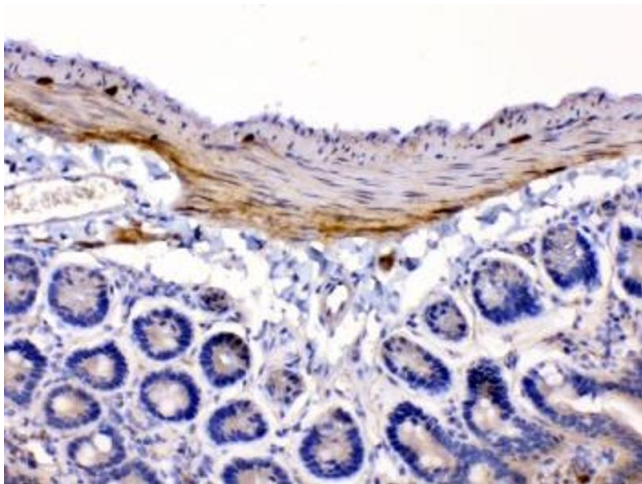
Immunohistochemistry

Image 1. IHC testing of FFPE rat intestine tissue with CHRNA5 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western Blotting

Image 2. Western blot testing of 1) rat skeletal muscle and 2) human HepG2 lysate with CHRNA5 antibody at 0.5ug/ml. Predicted molecular weight ~53 kDa.



Immunohistochemistry

Image 3. IHC testing of FFPE mouse intestine tissue with CHRNA5 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5647951.