

## CHRNA5 RABBIT PAB

**Cat.#:** S221381

**Product Name:** Anti-CHRNA5 Rabbit Polyclonal Antibody

**Synonyms:** LNCR2

**UNIPROT ID:** P30532 (Gene Accession - NP\_000736 )

**Background:** The protein encoded by this gene is a nicotinic acetylcholine receptor subunit and a member of a superfamily of ligand-gated ion channels that 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).

**Immunogen:** Synthetic peptide of human CHRNA5

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

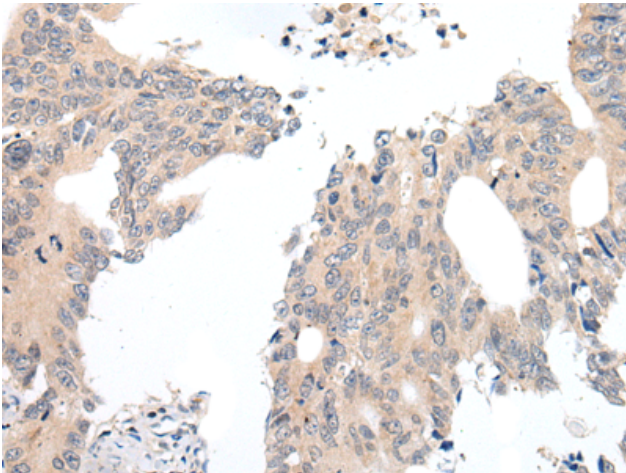
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

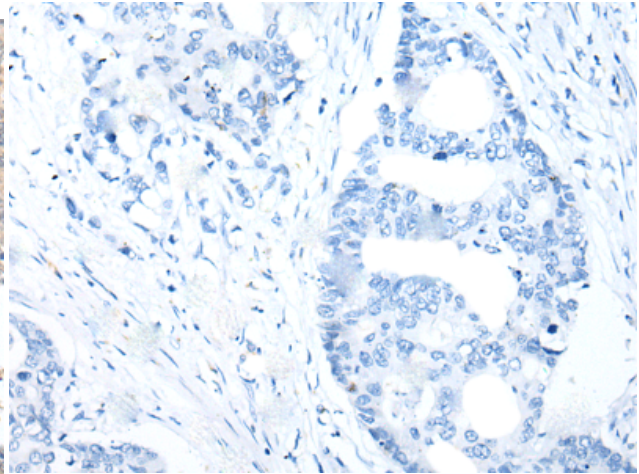
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

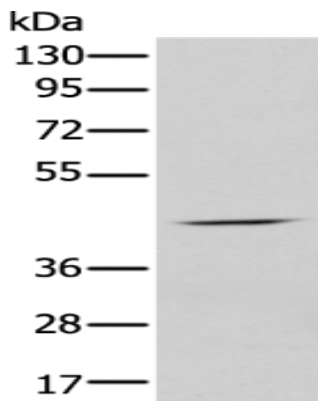
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 221381(CHRNA5 Antibody) at a dilution of 1/20(Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 221381(Anti-CHRNA5 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: Jurkat cell lysate;  
Primary antibody: 221381(CHRNA5 Antibody)  
at dilution 1/300;  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution;  
Exposure time: 1 minute