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# Datasheet

## CHRM3 polyclonal antibody

**Catalog Number:** PAB16212

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of CHRM3.

**Immunogen:** A synthetic peptide (conjugated with KLH) corresponding to human CHRM3.

**Host:** Rabbit

**Reactivity:**
Bovine,Chimpanzee,Dog,Gorilla,Hamster,Horse,Human, Monkey,Mouse,Orangutan,Pig,Rabbit,Rat,Sheep

**Applications:** IHC-P
(See our web site product page for detailed applications information)

**Protocols:** See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

**Specificity:** 3rd cytoplasmic domain of human.
Predicted crossreactivity with mouse due to sequence similarity .

**Form:** Liquid

**Purification:** Immunoaffinity purification

**Recommend Usage:** Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL)
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.1% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1131

**Gene Symbol:** CHRM3

**Gene Alias:** HM3

**Gene Summary:** The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 3 controls smooth muscle contraction and its stimulation causes secretion of glandular tissue. [provided by RefSeq]