

Name: Goat Polyclonal Antibody against Cholinergic receptor / CHRM1

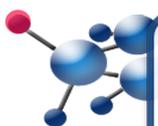
Catalog: TA302450

Product Data Sheet - ANTIBODY

Components:	<ul style="list-style-type: none"> Goat Polyclonal Antibody against Cholinergic receptor / CHRM1 (TA302450) 1 vial of 20ug myc-DDK tagged CHRM1 HEK293T over-expression lysate lyophilized in RIPA buffer (LC400263). (Reconstitute into 20ul of 1x SDS sample buffer before loading)
Amount:	100ug
Immunogen:	Peptide with sequence C-DKRRWRKIPKRPGSVH, from the C Terminus of the protein sequence according to NP_000729.2.
Host:	Goat
Isotype:	Goat IgG
Species Reactivity:	Human, Mouse, Rat, Dog
Guaranteed Applications:	WB
Suggested Dilutions:	ELISA: 1:16,000. WB: 1-3µg/ml.
Concentration:	0.5~1.0 mg/ml (Lot Dependent)
Buffer:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Storage Condition:	Shipped at -20C. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Target

Target Name:	Homo sapiens cholinergic receptor, muscarinic 1 (CHRM1)
Alternative Name:	HM1; M1; M1R
Database Link:	NP_000729
Function:	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



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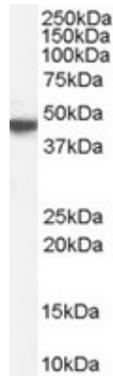
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responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gene encoding this receptor is localized to 11q13. [provided by RefSeq].

Validation Data



TA302450 (1µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.



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