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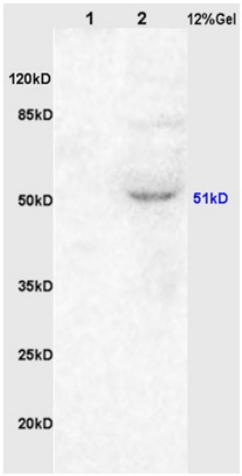
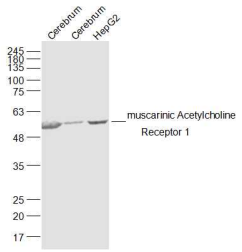
muscarinic Acetylcholine Receptor 1 Rabbit pAb

Catalog Number:	bs-1150R
Target Protein:	muscarinic Acetylcholine Receptor 1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse, Rat (predicted:Pig, Cow, Horse)
Predicted MW:	51 kDa
Entrez Gene:	1128
Swiss Prot:	P11229
Source:	KLH conjugated synthetic peptide derived from human muscarinic Acetylcholine Receptor 1: 321-420/460.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	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 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, Jul 2008].

VALIDATION IMAGES



Sample: Kidney(Rat) lysate at 30ug; Brain(Rat) lysate at 30ug; Primary: Anti-ChRM1/Acetylcholine receptor(M1) (bs-1150R) at 1:200 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000 dilution; Predicted band size : 51kD Observed band size : 51kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebrum (Rat) Lysate at 40 ug HepG2(Human) Cell Lysate at 30 ug Primary: Anti-muscarinic Acetylcholine Receptor 1 (bs-1150R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 61 kD