



Anti-GRM3 (C-terminal) polyclonal antibody (CPBT-66727RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit anti Metabotropic Glutamate Receptor 2/3 antibody recognizes the C-terminus of the metabotropic glutamate receptors mGluR2 and mGluR3. There is also a very slight reaction with mGluR5. The immunogen sequence used to generate this antibody is highly conserved and cross- reactivity with other species can be expected. Western Blotting Western blot analysis of rat brain lysates demonstrates bands migrating at ~100kDa and a larger band at around ~190kDa, thought to be a dimer.
Specificity	METABOTROPIC GLUTAMATE RECEPTOR 2/3
Immunogen	Peptide with the sequence NGREVV DSTTSSL corresponding to the carboxy terminus of rat GluR2 conjugated to Bovine Serum Albumin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat, Bovine, Dog, Fish, Human, Mouse, Rabbit
Conjugate	Unconjugated
Applications	IHC-Fr; IHC-P; WB
Format	Purified IgG - Lyophilized
Size	50 µg
Preservative	None
Storage	in frost-free freezers is not recommended.

GENE INFORMATION

Gene Name	Grm3 glutamate receptor, metabotropic 3 [Rattus norvegicus (Norway rat)]
Official Symbol	GRM3
Synonyms	GRM3; glutamate receptor, metabotropic 3; mGluR3; metabotropic glutamate receptor 3; METABOTROPIC GLUTAMATE RECEPTOR 2/3;
Entrez Gene ID	24416
Protein Refseq	NP_001099182
UniProt ID	P31421
Chromosome Location	4q12
Pathway	Class C/3 (Metabotropic glutamate/pheromone receptors); Cocaine addiction; Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs, Class C Metabotropic glutamate, pheromone;
Function	calcium channel regulator activity; group II metabotropic glutamate receptor activity; NOT group III metabotropic glutamate receptor activity;