



Rabbit Anti-Human GRM3 Polyclonal Antibody (CABT-B8928)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human mGluR3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein-G affinity chromatography.
Conjugate	Unconjugated
Applications	ELISA, WB, IHC, IP
Format	Liquid
Size	100 µg
Buffer	PBS pH7.4 with 0.09% sodium azide
Preservative	0.09% Sodium Azide
Storage	Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

BACKGROUND

Introduction	L-glutamate is the major excitatory neurotransmitter in the central nervous system and activates both ionotropic and metabotropic glutamate receptors. Glutamatergic neurotransmission is
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involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. The metabotropic glutamate receptors are a family of G protein-coupled receptors, that have been divided into 3 groups on the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic properties. Group I includes GRM1 and GRM5 and these receptors have been shown to activate phospholipase C. Group II includes GRM2 and GRM3 while Group III includes GRM4, GRM6, GRM7 and GRM8. Group II and III receptors are linked to the inhibition of the cyclic AMP cascade but differ in their agonist selectivities.

GENE INFORMATION

Entrez Gene ID	24416
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UniProt ID	P31422
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