



Rabbit Anti-Human GRM5 polyclonal antibody (CABT-L1763)

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

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rabbit, Rat
Target	GRM5
Immunogen	Synthetic peptide from C-terminus of human mGluR5.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	~130 kDa
Cellular Localization	Cytoplasm
Positive Control	Brain
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

Glutamate receptors constitute the principal excitatory neurotransmitter receptors in brain. Two classes of glutamate receptors exist: ionotropic receptors, and metabotropic receptors. Ionotropic glutamate receptors are oligomeric complexes of various subunits (GluR1-7, NMDA1-3, KAI-2) which comprise ligand-gated calcium channels. Metabotropic glutamate receptors are G-protein coupled receptors, which when activated can activate phospholipases or adenylylcyclase, depending on the neuron.

Keywords

GRM5;glutamate receptor, metabotropic 5;mGlu5;GPRC1E;MGLUR5;metabotropic glutamate receptor 5;GRM5 variant 9;metabotropic glutamate receptor 5 variant F;metabotropic glutamate receptor 5 variant G;metabotropic glutamate receptor 5 variant H

GENE INFORMATION

Entrez Gene ID

[2915](#)

UniProt ID

[P41594](#)
