

Anti-GRM5 antibody

Cat. No.	ml262798
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GRM5 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human GRM5
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GRM5
Full name	glutamate receptor, metabotropic 5
Synonyms	mGlu5; GPRC1E; MGLUR5; PPP1R86
Swissprot	P41594

Target Background

This gene encodes a member of the G-protein coupled receptor 3 protein family. The encoded protein is a metabotropic glutamate receptor, whose signaling activates a phosphatidylinositol-calcium second messenger system. This protein may be involved in the regulation of neural network activity and synaptic plasticity. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. A pseudogene of this gene has been defined on chromosome 11. Alternative splicing results in multiple transcript variants.

订购热线: 4008-898-798

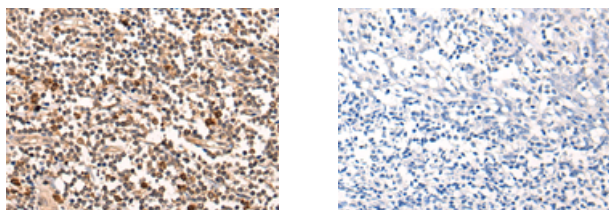
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human tonsil

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml262798 (GRM5 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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