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Datasheet for ABIN7441226

# anti-Metabotropic Glutamate Receptor 1 antibody (AA 165-592)



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# 4 Images

Overview	
Quantity:	100 μL
Target:	Metabotropic Glutamate Receptor 1 (GRM1)
Binding Specificity:	AA 165-592
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Metabotropic Glutamate Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

#### **Product Details**

Purpose:	Polyclonal Antibody to Glutamate Receptor, Metabotropic 1 (GRM1)
Immunogen:	Recombinant Glutamate Receptor, Metabotropic 1 (GRM1) corresdonding to Ser165~Glu592 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GRM1. It has been selected for its ability to recognize GRM1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

#### **Target Details**

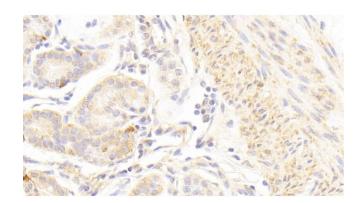
Target:	Metabotropic Glutamate Receptor 1 (GRM1)
Alternative Name:	Glutamate Receptor, Metabotropic 1 (GRM1 Products)
Background:	GPRC1A, GRM1A, MGLUR1, MGLUR1A, mGluR1

### **Application Details**

Application Notes:	Western blotting: 0.5-2 μg/mL
	1:370-1500 Immunohistochemistry: 5-20 μg/mL
	1:37-150 Immunocytochemistry: 5-20 μg/mL
	1:37-150 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

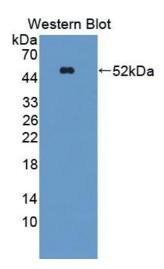
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



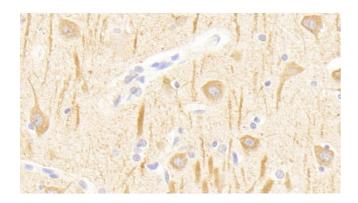
#### **Immunohistochemistry**

Image 1. Detection of GRM1 in Human Stomach Tissue using Polyclonal Antibody to Glutamate Receptor, Metabotropic 1 (GRM1)



#### **Western Blotting**

**Image 2.** Detection of Recombinant GRM1, Human using Polyclonal Antibody to Glutamate Receptor, Metabotropic 1 (GRM1)



#### **Immunohistochemistry**

**Image 3.** Detection of GRM1 in Human Cerebrum Tissue using Polyclonal Antibody to Glutamate Receptor, Metabotropic 1 (GRM1)

Please check the product details page for more images. Overall 4 images are available for ABIN7441226.