



# Anti-GRM2 (aa 707-716) polyclonal antibody (DPABH-24412)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Receptor for glutamate. The activity of this receptor is mediated by a G-protein that inhibits adenylate cyclase activity. May mediate suppression of neurotransmission or may be involved in synaptogenesis or synaptic stabilization.
<b>Specificity</b>	DPABH-24412 is expected to recognize isoforms NP_000830.2 and NP_001123535.1.
<b>Immunogen</b>	Synthetic peptide: C-KETAPERREV, corresponding to internal sequence amino acids 707-716 of Human Metabotropic Glutamate Receptor 2 (NP_000830.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">GRM2 glutamate receptor, metabotropic 3 [ Homo sapiens ]</a>
Official Symbol	GRM2
Synonyms	GRM2; glutamate receptor, metabotropic 2; GLUR2; mGlu2; GPRC1B; MGLUR2; metabotropic glutamate receptor 2; glutamate receptor homolog; glutamate metabotropic receptor 2;
Entrez Gene ID	<a href="#">2912</a>
Protein Refseq	<a href="#">NP_000830.2</a>
UniProt ID	<a href="#">Q14416</a>
Pathway	Class C/3 (Metabotropic glutamate/pheromone receptors); Cocaine addiction; GPCR downstream signaling; GPCRs, Class C Metabotropic glutamate, pheromone
Function	G-protein coupled receptor activity; calcium channel regulator activity; glutamate receptor activity; group II metabotropic glutamate receptor activity