

Anti-GRM5 / MGLUR5 Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17457

Product Information

Application	WB, IHC-P, FC
Primary Accession	P41594
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	132469
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	2915
Alias Symbol	GRM5
Other Names	GRM5, GPRC1E, MGLUR5, Mglur5b, MGlu5
Target/Specificity	Endogenous levels of human mGluR5. It is predicted to react with mouse and rat mGluR5 protein according to sequence homology. Positive Control: Ramos.
Reconstitution & Storage	Lyophilized from PBS, pH 7.4, 0.02% sodium azide. Store lyophilized at -20°C. The reconstituted product can be stored for short term at 4 °C or long term at -20 °C or below. Avoid freeze/thaw cycles.
Precautions	Anti-GRM5 / MGLUR5 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GRM5
Synonyms	GPRC1E, MGLUR5
Function	G protein-coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol- calcium second messenger system and generates a calcium-activated chloride current. Plays an important role in the regulation of synaptic plasticity and the modulation of the neural network activity.
Cellular Location	Cell membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.