

Datasheet for ABIN7159435

anti-Metabotropic Glutamate Receptor 1 antibody (AA 880-1017) (HRP)



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Overview

Quantity:	100 µg
Target:	Metabotropic Glutamate Receptor 1 (GRM1)
Binding Specificity:	AA 880-1017
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Metabotropic Glutamate Receptor 1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Metabotropic glutamate receptor 1 protein (880-1017AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Metabotropic Glutamate Receptor 1 (GRM1)
Alternative Name:	GRM1 (GRM1 Products)
Background:	Background: G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and

Target Details

modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol-calcium second messenger system. May participate in the central action of glutamate in the CNS, such as long-term potentiation in the hippocampus and long-term depression in the cerebellum.

Aliases: Glutamate receptor metabotropic 1 antibody, glutamate receptor, metabotropic 1 antibody, GPRC1A antibody, GRM1 antibody, GRM1-Alpha antibody, GRM1_HUMAN antibody, GRM1A antibody, Metabotropic glutamate receptor 1 antibody, mGlu1 antibody, mGluR1 antibody, MGLUR1-Alpha antibody, MGLUR1A antibody, SCAR13 antibody

UniProt: [Q13255](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.