

Datasheet for ABIN736003

anti-GRM4/6 antibody (AA 301-400) (Cy5.5)



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Overview

Quantity:	100 µL
Target:	GRM4/6
Binding Specificity:	AA 301-400
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRM4/6 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Metabotropic Glutamate Receptor 4
Isotype:	IgG
Specificity:	This antibody detects Metabotropic Glutamate Receptor 4. It may also detect Metabotropic Glutamate Receptor 6 due to sequence similarity.
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GRM4/6
Abstract:	GRM4/6 Products
Background:	Synonyms: mGlu4, GPRC1D, MGLUR4, Metabotropic glutamate receptor 4, GRM4 Background: 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 inhibits adenylate cyclase activity.
Gene ID:	2914
UniProt:	Q14833

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months