



Rabbit Anti-Mglur2 monoclonal antibody, clone KK102-10 (CABT-L848)

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

PRODUCT INFORMATION

Target	mGluR2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KK102-10
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	96 kDa
Cellular Localization	Cell membrane, Cell junction, Cell projection.
Positive Control	SH-SY-5Y, SW480, HeLa, mouse brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The mGluR proteins (metabotropic glutamate receptors) are members of the G-protein-coupled receptor family and are functionally and pharmacologically distinct from the GluR proteins (ionotropic glutamate receptors). The eight currently known mGluR proteins are mediated by two G-proteins with opposing regulation of adenylate cyclase pathways. The activities of mGluR1 and mGluR5 are mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system and generates a calcium-activated chloride current. The remainder of the eight sub-types of mGluR have an activity mediated by a G-protein that inhibits adenylate cyclase activity. mGluR-2, which may interact with GRASP, acts as a receptor for glutamate. It may also be involved in the regulation of neurotransmission suppression and in synaptogenesis or synaptic stabilization.

Keywords

AMPA selective glutamate receptor 2;GLUR2;GLURB;Glutamate metabotropic receptor 2;Glutamate receptor homolog;Glutamate receptor metabotropic 2;GPRC1B;GRM2;GRM2_HUMAN;Metabotropic glutamate receptor 2;mGlu2;mGluR2;OTTHUMP00000210984;OTTHUMP00000210986 antibody
