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Datasheet for ABIN1736902
anti-MGLUR2 + MGLUR3 antibody (AA 860-875)

Overview

Quantity:	100 µg
Target:	MGLUR2 + MGLUR3 (GRM2/3)
Binding Specificity:	AA 860-875
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGLUR2 + MGLUR3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide corresponding to residues 860-875 of the rat mGluR2/3 protein.
Isotype:	IgG
Specificity:	Reacts with rat mGluR2/3
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Predicted react to human and mouse.
Purification:	Purified

Target Details

Target:	MGLUR2 + MGLUR3 (GRM2/3)
Alternative Name:	Metabotropic Glutamate Receptor 2/3 (GRM2/3 Products)

Target Details

Background: Metabotropic glutamate receptors (mGluRs) are G-protein coupled receptors activated by glutamate. Based on sequence similarity, transduction mechanisms and agonist potencies, mGluRs are subdivided into three groups: mGluR1/mGluR5, mGluR2/mGluR3, and mGluR4/mGluR6/mGluR7/mGluR8. mGluRs are widely distributed throughout the nervous system and are expressed by both neurons and glial cells. mGluRs have been suggested to play a variety of functional roles, among which is involvement in synaptic plasticity underlying learning and memory as well as chronic pain.

UniProt: [P31421](#)

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only :
-IHC: 1:10-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, Sodium azide 0.02 %

Preservative: Sodium azide

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

Storage: 4 °C/-20 °C

Storage Comment: Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 6 months