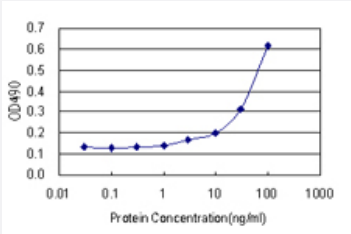
GRIN2C (Human) Matched Antibody Pair

Catalog # H00002905-AP21 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human GRIN2C.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00002905-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-GRIN2C (100 ug) 2. Detection antibody: mouse polyclonal anti-GRIN2C (40 ul) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

Protocol Download

Gene Info — GRIN2C

Entrez GeneID	2905
Gene Name	GRIN2C
Gene Alias	NMDAR2C, NR2C
Gene Description	glutamate receptor, ionotropic, N-methyl D-aspartate 2C
Omim ID	138254
Gene Ontology	Hyperlink
Gene Summary	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C), and NMDAR2D (GRIN2D).
Other Designations	N-methyl-D-aspartate receptor subunit 2C

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Calcium signaling pathway
- Long-term potentiation
- Neuroactive ligand-receptor interaction

Disease

- Bipolar Disorder
- Cognition
- Disease Models
- Genetic Predisposition to Disease
- Schizophrenia
- Schizophrenic Psychology

- Weight Gain