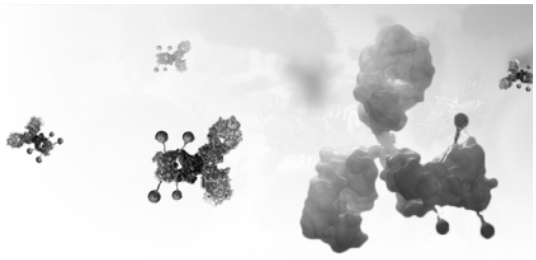

Anti-GRIN3A (extracellular domain) polyclonal antibody (CABT-BL1681)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide from the extracellular domain of Rat NR3A conjugated to an immunogenic carrier protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Cellular Localization	Cell membrane. Cell junction; synapse; postsynaptic cell membrane. Cell junction; synapse; postsynaptic cell membrane; postsynaptic density. Enriched in post-synaptic plasma membrane and post-synaptic densities. Requires the presence of GRIN1 to be t
Format	Liquid
Buffer	Whole serum
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

BACKGROUND

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved

Introduction	This gene encodes a subunit of the N-methyl-D-aspartate (NMDA) receptors, which belong to the superfamily of;glutamate-regulated ion channels, and function in physiological and pathological processes in the central nervous;system. This subunit shows greater than 90% identity to the corresponding subunit in rat. Studies in the knockout;mouse deficient in this subunit suggest that this gene may be involved in the development of synaptic elements by;modulating NMDA receptor activity.

GENE INFORMATION

Entrez Gene ID	191573
Protein Refseq	NP_001185512
UniProt ID	Q9R1M7

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved