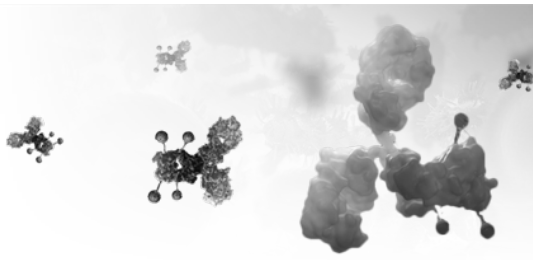

Anti-GRIN2A (aa 875-885) polyclonal antibody (DPABH-10022)

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

PRODUCT INFORMATION

Antigen Description	NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation requires binding of agonist to both types of subunits.
Immunogen	Synthetic peptide: C-HIEEKKKSPDF, corresponding to amino acids 875-885 of Human NMDAR2A (NP_000824.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
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Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	GRIN2A glutamate receptor, ionotropic, N-methyl D-aspartate 3A [Homo sapiens]
Official Symbol	GRIN2A
Synonyms	GRIN2A; glutamate receptor, ionotropic, N-methyl D-aspartate 2A; LKS; EPND; FESD; NR2A; GluN2A; NMDAR2A; glutamate receptor ionotropic, NMDA 2A; N-methyl D-aspartate receptor subtype 2A; N-methyl-D-aspartate receptor subunit 2A; N-methyl-D-aspartate receptor channel, subunit epsilon-1;
Entrez Gene ID	2903
Protein Refseq	NP_000824.1
UniProt ID	Q12879
Pathway	Activation of NMDA receptor upon glutamate binding and postsynaptic events; Alcoholism; Alzheimers disease; Amphetamine addiction
Function	N-methyl-D-aspartate selective glutamate receptor activity; calcium channel activity; extracellular-glutamate-gated ion channel activity; protein binding

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