

Datasheet for ABIN1531617  
**anti-NMDAR2A + 2B antibody (pTyr1246)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	NMDAR2A + 2B (GRIN2A/B)
Binding Specificity:	AA 1216-1265, pTyr1246
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMDAR2A + 2B antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human NMDAR2A/B around the phosphorylation site of Tyr1246/1252.
Isotype:	IgG
Specificity:	NMDAR2A/B (Phospho-Tyr1246/1252) Antibody detects endogenous levels of NMDAR2A/B only when phosphorylated at Tyr1246/1252. PhosphorylationH:Y1246/Y1252 M:Y1246/Y1252 R:Y1246/Y1252
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

## Target Details

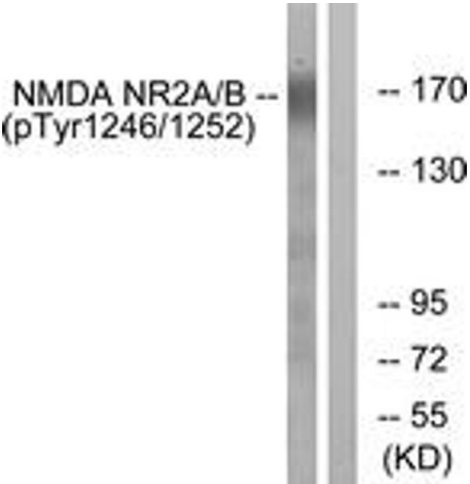
Target:	NMDAR2A + 2B (GRIN2A/B)
Abstract:	<a href="#">GRIN2A/B Products</a>
Background:	Synonyms: Glutamate [NMDA] receptor subunit epsilon 1 precursor, GRIN2A, N-methyl D-aspartate receptor subtype 2A, N-methyl-D-aspartate receptor subtype 2A, NMDAR2AGlutamate [NMDA] receptor subunit epsilon 1, NMDE1, NME1, NR2A NCBI Gene Symbol: GRIN2A
Molecular Weight:	165 kDa
Gene ID:	2903, 2904
OMIM:	138253
UniProt:	<a href="#">Q12879</a> , <a href="#">Q13224</a>

## Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.411472, Hs.567280, Hs.654430 (NCBI Gene Symbol: GRIN2A)
Restrictions:	For Research Use only

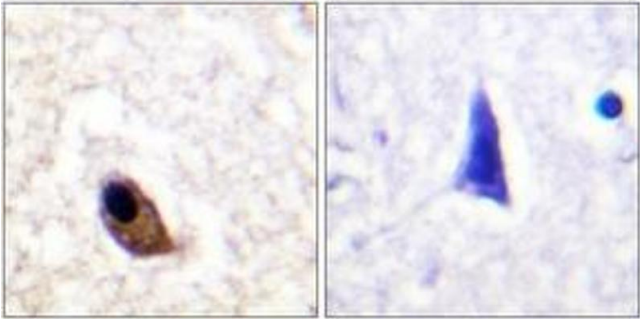
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



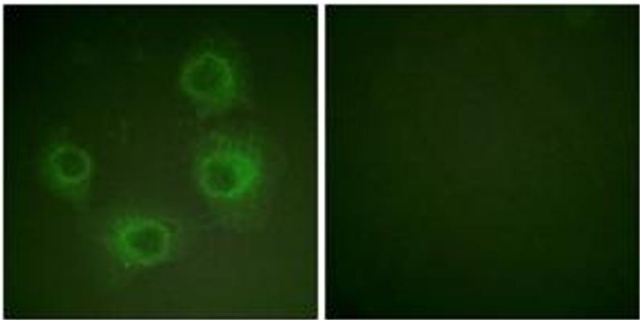
Western Blotting

Image 1.



Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human brain, using NMDAR2A/B (Phospho-Tyr1246/1252) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

**Image 3.** Immunofluorescence analysis of HuvEc cells, using NMDAR2A/B (Phospho-Tyr1246/1252) Antibody. The picture on the right is treated with the synthesized peptide.