

Datasheet for ABIN7307842

anti-Glutamate Receptor 3 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	Glutamate Receptor 3 (GRIA3)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutamate Receptor 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to GLUR3
Immunogen:	Recombinant full length protein of human GLUR3
Specificity:	Recognizes endogenous levels of GLUR3 protein.
Characteristics:	Rabbit polyclonal antibody to GLUR3
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Glutamate Receptor 3 (GRIA3)
Alternative Name:	GLUR3 (GRIA3 Products)
Background:	GLUR3, GLURC, Glutamate receptor 3, GluR-3, AMPA-selective glutamate receptor 3, GluR-C, GluR-K3, Glutamate receptor ionotropic, AMPA 3, GluA3

Target Details

Gene ID:	2892, 53623, 29628
UniProt:	P42263 , Q9Z2W9 , P19492
Pathways:	PI3K-Akt Signaling , cAMP Metabolic Process , Synaptic Membrane

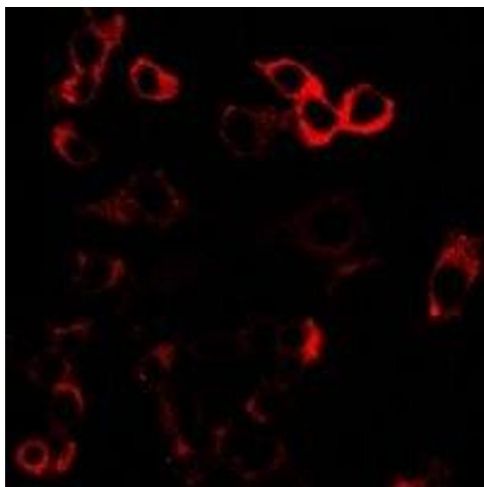
Application Details

Application Notes:	WB (1:500 - 1:2000), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

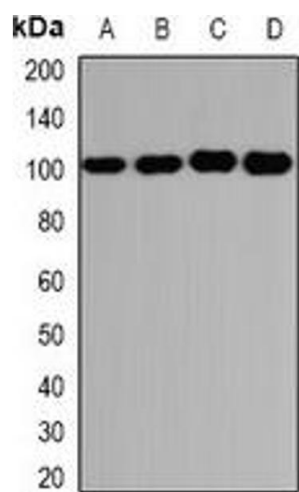
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of GLUR3 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Western Blotting

Image 2. Western blot analysis of GLUR3 expression in U251 (A), PC3 (B), mouse brain (C), mouse lung (D) whole cell lysates.