# antibodies -online.com







# anti-GLUD2 antibody

**Images** 



### Overview

Quantity:	100 μL
Target:	GLUD2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

### **Product Details**

Immunogen:	Recombinant full length protein of human GLUD2
Specificity:	Recognizes endogenous levels of GLUD2 protein.
Characteristics:	Rabbit polyclonal antibody to GLUD2
Purification:	The antibody was purified by immunogen affinity chromatography.

# **Target Details**

Target:	GLUD2
Alternative Name:	GLUD2 (GLUD2 Products)
Background:	GLUDP1, Glutamate dehydrogenase 2, mitochondrial, GDH 2
Gene ID:	2747

# **Target Details**

UniProt:	P49448
Pathways:	Synaptic Membrane

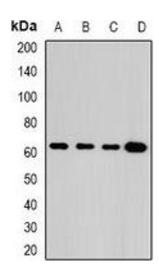
# **Application Details**

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:10 - 1:100)
Restrictions:	For Research Use only

# Handling

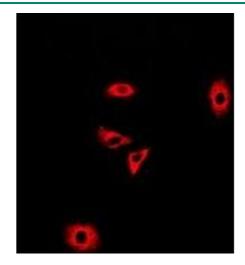
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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

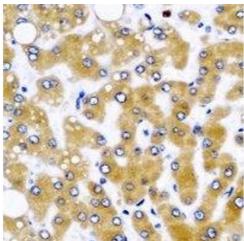
# **Images**



# **Western Blotting**

**Image 1.** Western blot analysis of GLUD2 expression in MCF7 (A), A431 (B), mouse brain (C), rat testis (D) whole cell lysates.





### **Immunofluorescence**

**Image 2.** Immunofluorescent analysis of GLUD2 staining in A549 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

### **Immunohistochemistry**

**Image 3.** Immunohistochemical analysis of GLUD2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated wit