Datasheet for ABIN7306712

anti-GLUD2 antibody

3 Images

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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

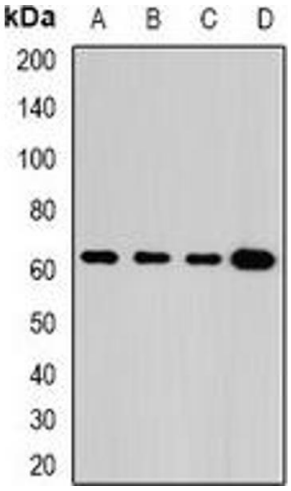
Application Details

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

Handling

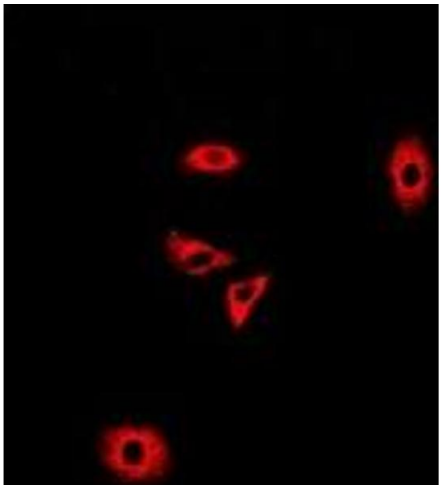
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: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



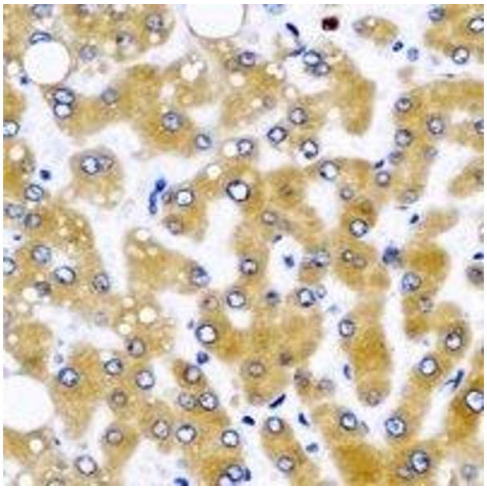
Western Blotting

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