Product Datasheet

GLUD1 Rabbit Polyclonal Antibody (orb341324)

Catalog Number	orb341324
Category	Antibodies
Description	The GLUD1 Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human GLUD1 .Purification: The antibody was purified by immunogen affinity chromatography.
Target	GLUD1
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	Recombinant fusion protein of human GLUD1
UniProt ID	**P00367**, **P26443**, **P10860**
Tested applications	IF, IHC, WB
Dilution range	WB: 1:500-1:2000, IHC-P: 1:50-1:200
Specificity	Recognizes endogenous levels of GLUD1 protein.

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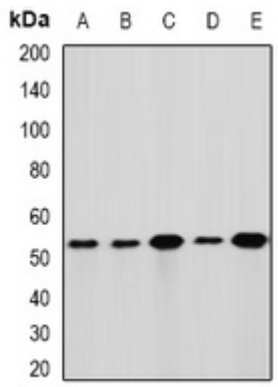
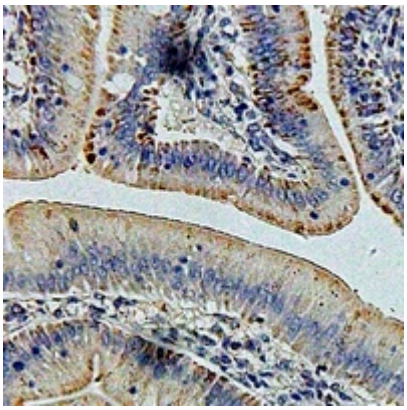
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	**14661**, **24399**, **2746**
Expiration Date	12 months from date of receipt.



Western blot analysis of GLUD1 expression in Hela (A), HepG2 (B), mouse liver (C), mouse brain (D), rat kidney (E) whole cell lysates. (Predicted band size: 42; 46; 61 kD; Observed band size: 52 kD)



Immunohistochemical analysis of GLUD1 staining in human colon 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 with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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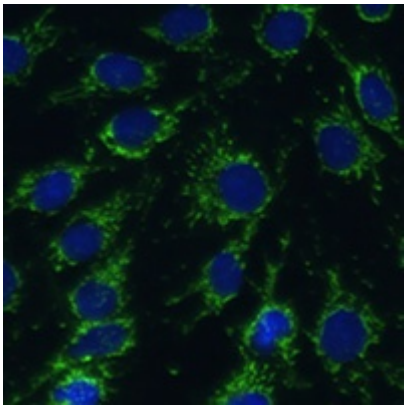

Immunofluorescent analysis of GLUD1 staining in C6 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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