

Anti-GLUD1 antibody (459-558) [S4MR] (STJ11102284)

STJ11102284

GENERAL INFORMATION

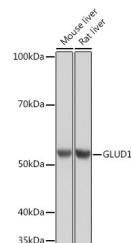
Product Type	Primary antibodies
Short Description	WB/IHC-P/IF/ICC/ELISA
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

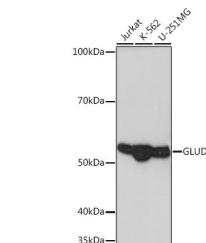
Clonality	Monoclonal
Clone ID	S4MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:4000 IHC-P:1:200-1:2000 IF/ICC:1:50-1:200
ELISA	Recommended starting concentration is 1 μ M g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

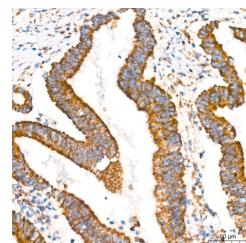
Gene ID	2746
Gene Symbol	GLUD1
Uniprot ID	DHE3_HUMAN
Immunogen	
Immunogen Region	459-558
Specificity	A synthetic peptide corresponding to a sequence within amino acids 459-558 of human GLUD1 (P00367).
Immunogen Sequence	ERDSDNYHLLMSVQESLERKF GKHGGTIPIVPTAEFQDRIS GASEKDIVHSGLAYTMRSA RQIMRTAMKYNLGLDLRTAA YVNAIEKVFVKYNEAGVTFT



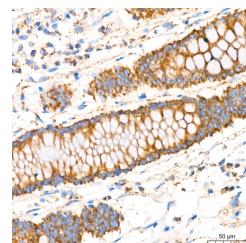
Western blot analysis of extracts of various cell lines, mouse liver, and rat liver using GLUD1 rabbit monoclonal antibody (STJ11102284) at 1:1000 dilution. Secondary antibody: HRP-Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ M g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cell lines, Jurkat, K-562, and U-251 MG using GLUD1 rabbit monoclonal antibody (STJ11102284) at 1:1000 dilution. Secondary antibody: HRP-Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ M g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of GLUD1 in paraffin-embedded human colon carcinoma tissue using GLUD1 rabbit monoclonal antibody (STJ11102284) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of GLUD1 in paraffin-embedded human colon tissue using GLUD1 rabbit monoclonal antibody (STJ11102284) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to immunohistochemistry staining.