

Datasheet for ABIN7170003
anti-GLUT1 antibody (AA 263-458) (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GLUT1 (SLC2A1)
Binding Specificity:	AA 263-458
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sodium-dependent phosphate transporter 1 protein (263-458AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	SLC2A1 (SLC2A1 Products)
Background:	Background: Sodium-phosphate symporter which plays a fundamental housekeeping role in phosphate transport, such as absorbing phosphate from interstitial fluid for normal cellular

Target Details

functions such as cellular metabolism, signal transduction, and nucleic acid and lipid synthesis. May play a role in extracellular matrix and cartilage calcification as well as in vascular calcification. May function as a retroviral receptor as it confers human cells susceptibility to infection to Gibbon Ape Leukemia Virus (GaLV), Simian sarcoma-associated virus (SSAV) and Feline leukemia virus subgroup B (FeLV-B) as well as 10A1 murine leukemia virus (10A1 MLV). Aliases: DKFZp686J2397 antibody, FLJ41426 antibody, Gibbon ape leukemia virus receptor 1 antibody, GLVR 1 antibody, GLVR-1 antibody, GLVR1 antibody, Leukemia virus receptor 1 homolog antibody, Phosphate transporter 1 antibody, PIT 1 antibody, PiT-1 antibody, PIT1 antibody, S20A1_HUMAN antibody, Slc20a1 antibody, Sodium dependent phosphate transporter 1 antibody, Sodium-dependent phosphate transporter 1 antibody, Solute carrier family 20 (phosphate transporter) member 1 antibody, Solute carrier family 20 member 1 antibody

UniProt:	Q8WUM9
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.