

## Anti-SLC2A4 antibody (450-509) (STJ29952)

STJ29952

### GENERAL INFORMATION

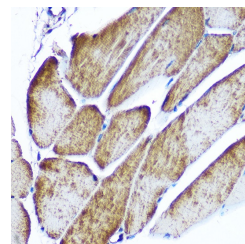
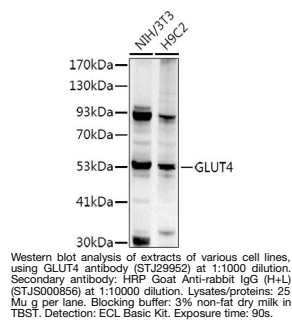
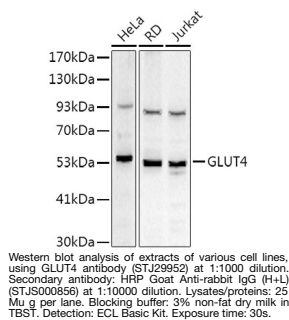
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

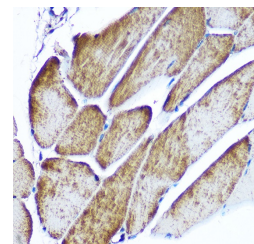
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	6517
<b>Gene Symbol</b>	SLC2A4
<b>Uniprot ID</b>	GLUT4_HUMAN
<b>Immunogen</b>	450-509
<b>Immunogen Region</b>	
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 450-509 of human GLUT4 (NP_001033.1).
<b>Immunogen Sequence</b>	FLLFAVLLLGFFIFLRLVP ETRGRTFDQISAAFHRTPSL LEQEVKPSTELEYLGPDEND



Immunohistochemistry analysis of paraffin-embedded mouse skeletal muscle using GLUT4 rabbit polyclonal antibody (STJ29952) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9, 0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of mouse skeletal muscle using GLUT4 antibody (STJ29952) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.