

Goat GLUT2 Antibody | anti-SLC2A2 antibody

Goat anti-GLUT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61860	Goat	Human Expected from sequence similarity: Mouse, Rat, Cow, Pig	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

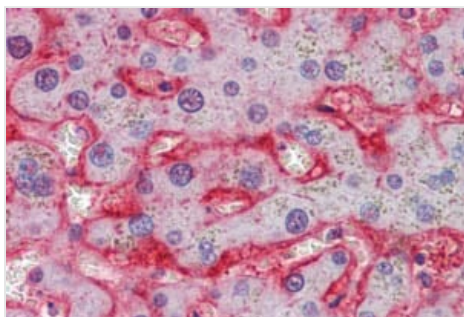
PRODUCT SYNONYMS

GLUT2; Goat anti-GLUT2 Antibody; SLC2A2; solute carrier family 2 (facilitated glucose transporter); member 2; anti-SLC2A2 antibody

PRODUCT SPECIFICATIONS

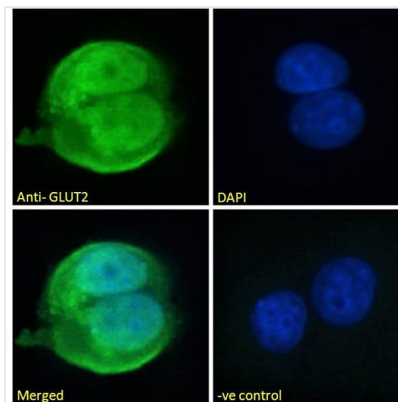
Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Cow, Pig
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-SLC2A2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-RKEREEASSEQKVS, from the internal region of the protein sequence according to NP_000331.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



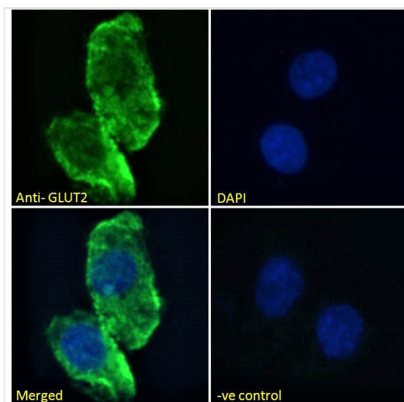
IHC (Immunohistochemistry)

AAA61860 (2.5ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



ICC (Immunocytochemistry)

AAA61860 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



ICC (Immunocytochemistry)

AAA61860 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

ADDITIONAL INFORMATION

References	Im SS, Kim SY, Kim HI, Ahn YH.; Transcriptional regulation of glucose sensors in pancreatic beta cells and liver.; Current diabetes reviews 2006 Feb 2 (1): 11-8.; PMID: 18220613
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557851
NCBI GeneID	6514
NCBI Accession #	NP_000331.1
NCBI GenBank Nucleotide #	NM_000340.1
UniProt Accession #	P11168; Q9UCW9; A8K481; B2R936; B7Z547; F8W8V8
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 2 member 2
NCBI Official Symbol	SLC2A2
NCBI Official Synonym Symbols	GLUT2
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 2
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 2
UniProt Gene Name	SLC2A2
UniProt Synonym Gene Names	GLUT2; GLUT-2
UniProt Entry Name	GTR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/goat-slc2a2-cow-human-mouse-pig-rat-antibody/glut2/61860>