

Product datasheet

Anti-Glucose Transporter 5 GLUT5 antibody ab36057

4 References

Overview

Product name	Anti-Glucose Transporter 5 GLUT5 antibody
Description	Rabbit polyclonal to Glucose Transporter 5 GLUT5
Host species	Rabbit
Specificity	Does not react with GLUT1, 2, 3 or 4 from human, mouse or rat.
Tested applications	Suitable for: IHC-Fr, WB, IHC-P
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Synthetic peptide: ELKEPPVTSEQ conjugated to KLH, corresponding to C terminal amino acids 490-500 of Human Glucose Transporter 5 GLUT5. A cysteine residue was included at the N terminus to accommodate KLH conjugation. Run BLAST with Run BLAST with
General notes	Concentration is approximately 5 mg/ml.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.05% BSA, PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab36057** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr		1/50 - 1/200.
WB		1/150 - 1/500. Predicted molecular weight: 56 kDa.
IHC-P		Use at an assay dependent concentration.

Target

Function	Cytochalasin B-sensitive carrier. Seems to function primarily as a fructose transporter.
Tissue specificity	Expressed in small intestine, and at much lower levels in kidney, skeletal muscle, and adipose tissue.
Sequence similarities	Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily.
Cellular localization	Membrane.

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