

Product datasheet

Rat Glucose Transporter GLUT4 peptide ab115831

1 References

Description

Product name	Rat Glucose Transporter GLUT4 peptide
Animal free	No
Nature	Synthetic
Species	Rat

Specifications

Our [Abpromise guarantee](#) covers the use of **ab115831** in the following tested applications.

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

Applications	Blocking - Blocking peptide for Anti-Glucose Transporter GLUT4 antibody (ab654)
Form	Liquid
Additional notes	ab115831 is the blocking peptide for antibody ab654

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: dH2O
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General Info

Function	Insulin-regulated facilitative glucose transporter.
Tissue specificity	Skeletal and cardiac muscles; brown and white fat.
Involvement in disease	Diabetes mellitus, non-insulin-dependent
Sequence similarities	Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily.
Post-translational modifications	Sumoylated.
Cellular localization	Cell membrane. Endomembrane system. Cytoplasm, perinuclear region. Localizes primarily to the perinuclear region, undergoing continued recycling to the plasma membrane where it is rapidly reinternalized. The dileucine internalization motif is critical for intracellular sequestration.

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