



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

### Certificate of Analysis and DataSheet

#### Rabbit Anti Glut 10

**Catalog No.**  
MD-14-0334

#### **Description**

Rabbit Antibody to Glucose Transporter 10 (GLUT10) (amino acids 367-385)

#### **Preparation**

**Host Animal:** Rabbit  
**Immunogen:** Synthetic peptide corresponding to amino acids 367-385 (ILSTAKKTKPHPRSGDPSA) of human GLUT10 conjugated to KLH at the N-terminus.  
**Purification:** Immunoaffinity chromatography

#### **Specificity**

Recognizes human GLUT10

#### **Formulation**

**Format:** Affinity Purified, Liquid  
**Concentration:** Lot specific (OD280nm)  
**Buffer:** PBS, pH 7.4  
**Preservative:** None

#### **Applications**

Suitable for use in Western blot (1:500). A band of approximately 57kDa is detected. Positive control: transfected cell lysates. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

#### **Storage**

Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### ***Applications***

1. Wood, I.S., et al., (2003), "Expression of Class III facilitative glucose transporter genes (GLUT-10 and GLUT-12) in mouse and human adipose tissues", Biochem. Biophys. Res. Commun., **308**(1): 43-49.
2. McVie-Wylie, A.J., et al., (2001), "Molecular cloning of a novel member of the GLUT family of transporters, SLC2a10 (GLUT10), localized on chromosome 20q13.1: a candidate gene for NIDDM susceptibility", Genomics, **72**(1): 113-117.

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