

### **UK Office**

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# EB09482 - Goat Anti-GLUT5 / SLC2A5 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: SLC2A5, solute carrier family 2 (facilitated glucose/fructose

transporter), member 5, GLUT5, OTTHUMP0000001704, glucose transporter-like protein

5, solute carrier family 2 (facilitated glucose transporter), member 5

Official Symbol: SLC2A5

Accession Number(s): NP\_003030.1

Human GeneID(s): 6518

#### **Immunogen**

Peptide with sequence C-SEVYPEKEELKE, from the C Terminus of the protein sequence according to NP\_003030.1.

Please note the <u>peptide</u> is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:8000.

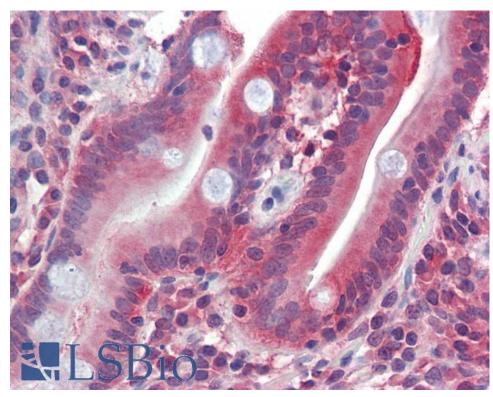
Western blot: Preliminary experiments gave an approx 38kDa band in Human Duodenum, Kidney and Skeletal Muscle lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 55.0kDa according to NP\_003030.1. The 38kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 2.5µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



 $EB09482~(2.5\mu g/ml)~staining~of~paraffin~embedded~Human~Small~Intestine.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$