

# Product Datasheet

## Glut5 Antibody NBP1-45227

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-45227**

Glut5 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

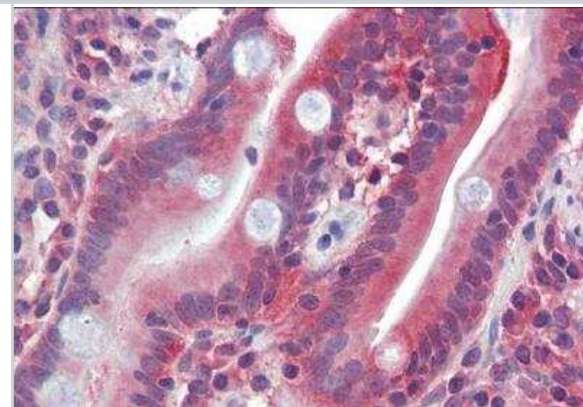
<b>Host</b>	Goat
<b>Gene ID</b>	6518
<b>Gene Symbol</b>	SLC2A5
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-SEVYPEKEELKE corresponding to C-Terminus according to NP_003030.1.

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 2.5 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:8000
<b>Application Notes</b>	Western blot: Preliminary experiments gave an approx 38kDa band in Human Duodenum, Kidney and Skeletal Muscle lysates after 1ug/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

**Images**

Immunohistochemistry-Paraffin: Glut5 Antibody [NBP1-45227] - (2.5ug/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

**Publications**

Stuart CA, Howell ME, Yin D. Overexpression of GLUT5 in diabetic muscle is reversed by pioglitazone. Diabetes Care 2007-04-01 [PMID: 17251278]



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### **Products Related to NBP1-45227**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP3-17017PEP	Glut5 Recombinant Protein Antigen

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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