



## Goat anti-GLUT8 / SLC2A8 Antibody

<b>Item Number</b>	dAP-0901
<b>Target Molecule</b>	Principle Name: GLUT8 / SLC2A8; Official Symbol: SLC2A8; All Names and Symbols: SLC2A8; solute carrier family 2, (facilitated glucose transporter) member 8 ; HGNC:13812; GLUT8; GLUTX1 ; glucose transporter X1; Accession Number (s): NP_055395.2; Human Gene ID(s): 29988; Non-Human GenelD(s):
<b>Immunogen</b>	KGKTLEQITAH, is from C Terminus
<b>Applications</b>	Pep ELISA Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave bands at approx 80kDa and 35kDa in Human Peripheral Blood Mononucleocyte lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe
<b>IHC</b>	
<b>Reference</b>	Reference(s): Schiffer M, Susztak K, Ranalletta M, Raff AC, Bottinger EP, Charron MJ. Localization of the GLUT8 glucose transporter in murine kidney and regulation in vivo in nondiabetic and diabetic conditions. Am J Physiol Renal Physiol. 2005 Jul;289(1):F186-93. Epub 2005 Mar 1. .PMID: 15741607 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**