

## Goat anti-SLC2A4 / GLUT4 Antibody

<b>Item Number</b>	dAP-2170
<b>Target Molecule</b>	Principle Name: SLC2A4 / GLUT4; Official Symbol: SLC2A4; All Names and Symbols: SLC2A4; solute carrier family 2 (facilitated glucose transporter), member 4; GLUT4; glucose transporter 4; insulin-responsive glucose transporter type 4; Accession Number (s): NP_001033.1; Human Gene ID(s): 6517; Non-Human GeneID(s): 20528 (mouse) 25139 (rat)
<b>Immunogen</b>	TELEYLGPDEND, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse, Rat
<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 16000.
<b>Western Blot</b>	Western Blot: Approx 45kDa band observed in Mouse and Rat Heart lysates (calculated MW of 54.8kDa according to Human NP_001033.1 and Mouse NP_033230.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies
<b>IHC</b>	
<b>Reference</b>	Reference(s): Hosgood HD, Menashe I, He X, Chanock S, Lan Q., PTEN identified as important risk factor of chronic obstructive pulmonary disease. Respiratory medicine 2009 Dec 103 (12): 1866-70..PMID: 19625176->

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**