

## Goat anti-Ketohexokinase Antibody

<b>Item Number</b>	dAP-3402
<b>Target Molecule</b>	Principle Name: Ketohexokinase; Official Symbol: KHK; All Names and Symbols: KHK; ketohexokinase (fructokinase); hepatic fructokinase; ketohexokinase; Accession Number (s): NP_000212.1; NP_006479.1; Human Gene ID(s): 3795; Non-Human GeneID(s): 16548 (mouse) 25659 (rat)
<b>Immunogen</b>	RCLSQRWQRGGNASN , is from internal region This antibody is expected to recognize both reported isoforms (NP_000212.1; NP_006479.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat, Pig
<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 128000.
<b>Western Blot</b>	Western Blot: Approx 30kDa band observed in Human, Mouse, Rat and Pig Liver lysates (calculated MW of 32.7kDa according to Human NP_000212.1, Mouse NP_032465.2, Rat NP_114061.1 and of 32.6kDa according to Pig XP_003125348.1). Recommended concentration: 0
<b>IHC</b>	
<b>Reference</b>	Reference(s): Asipu A, Hayward BE, O'Reilly J, Bonthron DT. Properties of normal and mutant recombinant human ketohexokinases and implications for the pathogenesis of essential fructosuria. Diabetes 2003 Sep 52 (9): 2426-32..PMID: 12941785->

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**