

## Goat anti-AGXT (rat) Antibody

Item Number	dAP-1665
Target Molecule	Principle Name: AGXT (rat); Official Symbol: Agxt; All Names and Symbols: Agxt; alanine-glyoxylate aminotransferase; Spat; Alanine-glyoxylate aminotransferase (Serine-pyruvate aminotransferase); Serine-pyruvate aminotransferase; angiotensin receptor 2; serine pyruvate aminotransferase precursor (AA -22 to 392); serine:pyruvate ; Accession Number (s): NP_085914.1; Human Gene ID(s): ; Non-Human GeneID(s): 24792 (rat)
Immunogen	DKAKSKVYSRKT, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 22kDa band in Mouse and Rat Liver lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size
IHC	
Reference	Reference(s): Hoshino J, Kühne U, Filjak B, Kröger H. Regulation and characterization of L-serine: pyruvate aminotransferase in rat liver cytosol and mitochondria. Z Naturforsch [C]. 1977 Mar-Apr;32(3-4):249-53. PMID: 17958->

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 end users! This product is sold for **Research Use Only**