

## Goat anti-PEPT2 Antibody

Item Number	dAP-2010
Target Molecule	Principle Name: PEPT2; Official Symbol: SLC15A2; All Names and Symbols: SLC15A2; solute carrier family 15 (H <sup>+</sup> /peptide transporter), member 2; PEPT2; Accession Number (s): NP_066568.2; Human Gene ID (s): 6565; Non-Human GeneID(s):
Immunogen	QGNMIKLETKKTK, is from C Terminus
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 in Human Brain (Frontal and Cerebral Cortex) and Kidney lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have an
IHC	
Reference	Reference(s): Hu Y, Shen H, Keep RF, Smith DE, Peptide transporter 2 (PEPT2) expression in brain protects against 5-aminolevulinic acid neurotoxicity. J. Neurochem. 2007 Dec 103 (5): 2058-65. PMID: 17854384->

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**