
PEPT2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251226

Unit: 0.1 mg

Description:

Solute carrier family 15 member 2 (PEPT2) is a H⁺-coupled peptide transporter expressed in the kidney. The mammalian kidney is known to express a transport system specific for small peptides and pharmacologically active aminocephalosporins. This system is energized by a transmembrane electrochemical H⁺ gradient. PEPT2 contains twelve transmembrane domains and its structure is 50% identical and 70% similar to the human intestinal H⁺/peptide cotransporter.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: PEPT2; Peptide transporter 2; Solute carrier family 15 member 2; Oligopeptide transporter, kidney isoform; Kidney H(+)/peptide cotransporter; SLC15A2

Accession No.: Q16348

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PEPT2 protein.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.