



S6A20 Polyclonal Antibody

Catalog No	YP-Ab-06197
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SLC6A20 SIT1 XT3 XTRP3
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S6A20 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SIT1;Sodium- and chloride-dependent transporter XTRP3;Sodium/imino-acid transporter 1;XT3;XTRP3;S6A20;SLC6A20 SIT1 XT3 XTRP3;Sodium- and chloride-dependent transporter XTRP3 (Sodium/imino-acid transporter 1) (Solute carrier family 6 member 20) (Transporter rB21A homolog)
Observed Band	65kD
Calculated Molecular Weight	5-6 kDa
Cell Pathway	Apical cell membrane ; Multi-pass membrane protein . Located in the apical brush border membrane of kidney proximal tubule cells. .
Tissue Specificity	Kidney and small intestine. Expressed in the S3 segment of the proximal tubule.
Function	function:Mediates the calcium-dependent uptake of imino acids such as L-proline, N-methyl-L-proline and pipercolate as well as N-methylated amino acids., similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family., subcellular location:Located in the apical brush border membrane of kidney proximal tubule cells.,tissue specificity:Kidney and small intestine.,
Background	Transport of small hydrophilic substances across cell membranes is mediated by substrate-specific transporter proteins which have been classified into several families of related genes. The protein encoded by this gene is a member of the



subgroup of transporter with unidentified substrates within the Na⁺ and Cl⁻ coupled transporter family. This gene is expressed in kidney, and its alternative splicing generates 2 transcript variants. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images