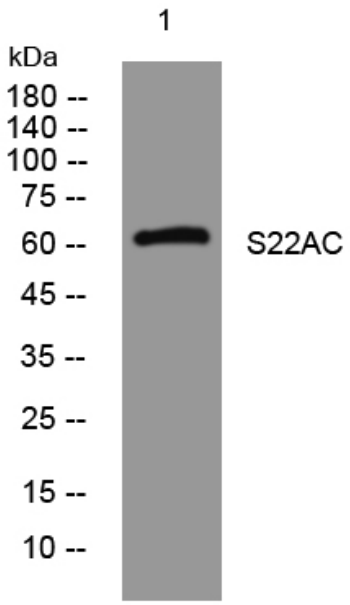
S22AC rabbit pAb

Catalog No	BYab-08645
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SLC22A12 OATL4 URAT1 UNQ6453/PRO34004
Protein Name	S22AC
Immunogen	Synthesized peptide derived from human S22AC AA range: 18-68
Specificity	This antibody detects endogenous levels of S22AC at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Apical cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Detected in kidney (at protein level). Detected in fetal and adult kidney. Detected in epithelial cells of proximal tubules in renal cortex.
Function	disease:Defects in SLC22A12 are a cause of renal hypouricemia (RH) [MIM:220150]. Patients have low serum urate levels, due to defects in renal urate re-absorption and high urinary urate excretion. Patients often appear asymptomatic, but may be subject to exercise-induced acute renal failure (ARF), chronic renal dysfunction and uric acid urolithiasis.,function:Required for efficient urate re-absorption in the kidney. Regulates blood urate levels. Mediates saturable urate uptake by facilitating the exchange of urate against organic anions.,similarity:Belongs to the major facilitator superfamily. Organic cation transporter family.,subcellular location:Detected in the luminal membrane of the

	epithelium of renal proximal tubules.,subunit:Interacts with PDZK1.,tissue specificity:Detected in kidney (at protein level). Detected in fetal and adult kidney. Detected in epithelial cells of proximal
Background	The protein encoded by this gene is a member of the organic anion transporter (OAT) family, and it acts as a urate transporter to regulate urate levels in blood. This protein is an integral membrane protein primarily found in epithelial cells of the proximal tubule of the kidney. An elevated level of serum urate, hyperuricemia, is associated with increased incidences of gout, and mutations in this gene cause renal hypouricemia type 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013],
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



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night