



## Rabbit Anti-SLC34A3 antibody

SL19822R

<b>Product Name:</b>	SLC34A3
<b>Chinese Name:</b>	溶质载体家族蛋白34成员A3抗体
<b>Alias:</b>	HHRH; Na(+) dependent phosphate cotransporter 2C; Na(+) Pi cotransporter 2C; Na(+)-dependent phosphate cotransporter 2C; Na(+)/Pi cotransporter 2C; NaPi 2c; NaPi-2c; NPT2C; NPT2C_HUMAN; NPTIIC; SLC34A3; Sodium dependent phosphate transport protein 2C; Sodium inorganic phosphate cotransporter IIC; Sodium phosphate cotransporter 2C; Sodium phosphate transport protein 2C; Sodium-dependent phosphate transport protein 2C; Sodium-phosphate transport protein 2C; Sodium/inorganic phosphate cotransporter IIC; Sodium/inorganic phosphate cotransporter, type IIC; Sodium/phosphate cotransporter 2C; solute carrier family 34 (sodium phosphate) member 3; solute carrier family 34 (sodium/phosphate cotransporter), member 3; solute carrier family 34 (type II sodium/phosphate cotransporter), member 3; Solute carrier family 34 member 3; type IIC Na+ Pi cotransporter.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	63kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SLC34A3:251-350/599<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>This gene encodes a member of SLC34A transporter family of proteins, and is expressed primarily in the kidney. It is involved in transporting phosphate into cells via sodium cotransport in the renal brush border membrane, and contributes to the maintenance of inorganic phosphate concentration in the kidney. Mutations in this gene are associated with hereditary hypophosphatemic rickets with hypercalciuria. Alternatively spliced transcript variants varying in the 5' UTR have been found for this gene.[provided by RefSeq, Apr 2010]</p> <p><b>Function:</b> May be involved in actively transporting phosphate into cells via Na(+) cotransport in the renal brush border membrane. Probably mediates 20-30% of the apical influx.</p> <p><b>Subcellular Location:</b> Membrane.</p> <p><b>DISEASE:</b> Hereditary hypophosphatemic rickets with hypercalciuria.</p> <p><b>Similarity:</b> Belongs to the SLC34A transporter family.</p> <p><b>SWISS:</b> Q8N130</p> <p><b>Gene ID:</b> 142680</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 142680</a> Human</p> <p><a href="#">Entrez Gene: 142681</a> Mouse</p> <p><a href="#">Entrez Gene: 246234</a> Rat</p> <p><a href="#">Omim: 609826</a> Human</p> <p><a href="#">SwissProt: Q8N130</a> Human</p> <p><a href="#">SwissProt: Q80SU6</a> Mouse</p>

[SwissProt: Q8K4R8](#) Rat

[Unigene: 432442](#) Human

[Unigene: 346652](#) Mouse

[Unigene: 490356](#) Mouse

[Unigene: 15318](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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