

Rabbit anti-Human SLC34A3 Polyclonal Antibody | anti-SLC34A3 antibody

SLC34A3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234689	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

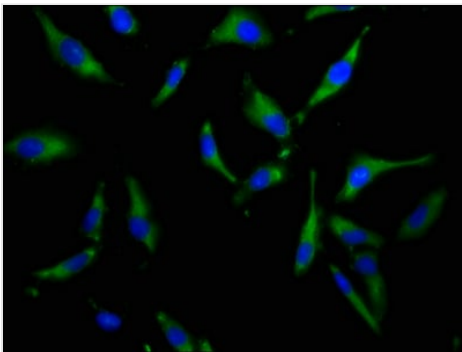
PRODUCT SYNONYMS

SLC34A3; Polyclonal Antibody; SLC34A3 Antibody; Sodium-dependent phosphate transport protein 2C; Sodium-phosphate transport protein 2C; Na(+)-dependent phosphate cotransporter 2C; Sodium/inorganic phosphate cotransporter IIC; Sodium/phosphate cotransporter 2C; Na(+)/Pi cotransporter 2C; NaPi-2c; Solute carrier family 34 member 3; NPT2C; NPTIIC; anti-SLC34A3 antibody

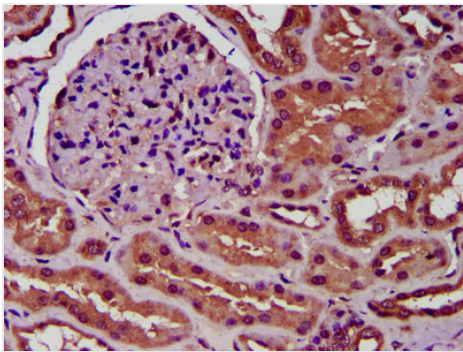
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	599
Applicable Applications for anti-SLC34A3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Sodium-dependent phosphate transport protein 2C protein (1-76AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human
Research Area	Signal Transduction
Target Names	SLC34A3
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of Hela cells with AAA234689 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)
IHC image of AAA234689 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC34A3 antibody	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.
Product Categories/Family for anti-SLC34A3 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	293597523
NCBI GeneID	142680
NCBI Accession #	NP_001170787.1
NCBI GenBank Nucleotide #	NM_001177316.1
UniProt Accession #	Q8N130; A2BFA1
NCBI Official Full Name	sodium-dependent phosphate transport protein 2C
NCBI Official Synonym Full Names	solute carrier family 34 member 3
NCBI Official Symbol	SLC34A3
NCBI Official Synonym Symbols	HHRH; NPTIIC
NCBI Protein Information	sodium-dependent phosphate transport protein 2C
UniProt Protein Name	Sodium-dependent phosphate transport protein 2C
UniProt Gene Name	SLC34A3
UniProt Synonym Gene Names	NPT2C; NPTIIC; Sodium-phosphate transport protein 2C; Na(+)/Pi cotransporter 2C; NaPi-2c

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.