

Rabbit anti-Human, Mouse SLC34A2 Polyclonal Antibody | anti-SLC34A2 antibody

SLC34A2 Antibody

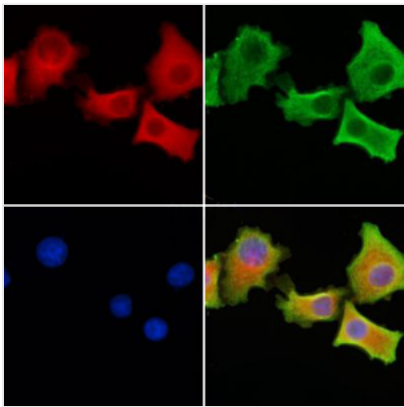
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323351	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

SLC34A2; Polyclonal Antibody; SLC34A2 Antibody; Na(+)-dependent phosphate cotransporter 2B; Na(+)/Pi cotransporter 2B; NaPi-2b; NaPi3b; NPT2B_HUMAN; Sodium-dependent phosphate transport protein 2B; Sodium-phosphate transport protein 2B; Sodium/phosphate cotransporter 2B; Solute carrier family 34 member 2; anti-SLC34A2 antibody

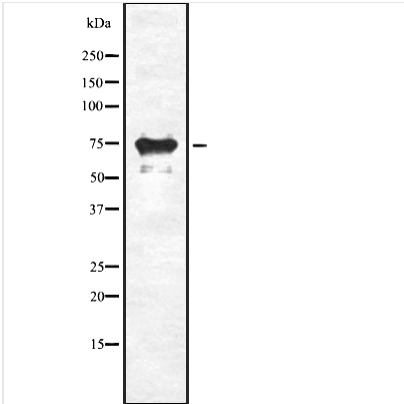
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	689
Applicable Applications for anti-SLC34A2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human SLC34A2, corresponding to a region within N-terminal amino acids
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.



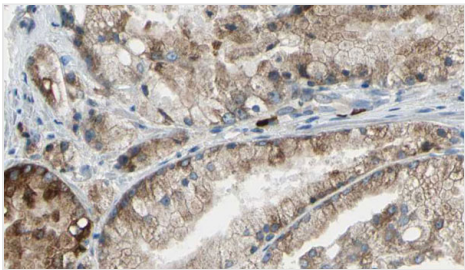
IF (Immunofluorescence)

AAA323351 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA323351) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of SLC34A2 expression in HEK293 cells. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323351 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295789158
NCBI GeneID	10568
NCBI Accession #	NP_001171469.1
NCBI GenBank Nucleotide #	NM_001177998.1
UniProt Accession #	O95436; Q8N2K2; Q8WYA9; Q9P0V7; A5PL17
Molecular Weight	75 kDa
NCBI Official Full Name	sodium-dependent phosphate transport protein 2B isoform b
NCBI Official Synonym Full Names	solute carrier family 34 member 2
NCBI Official Symbol	SLC34A2
NCBI Official Synonym Symbols	NPTIIb; NAPI-3B; NAPI-IIb
NCBI Protein Information	sodium-dependent phosphate transport protein 2B
UniProt Protein Name	Sodium-dependent phosphate transport protein 2B

UniProt Gene Name	SLC34A2
UniProt Synonym Gene Names	Sodium-phosphate transport protein 2B; Na(+)/Pi cotransporter 2B; NaPi-2b

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc34a2-antibody-immunohistochemistry-western-blot-immunocytochemistry-immunofluorescence-elisa/323351>