SLC34A2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLC34A2, Polyclonal Antibody
Full Product Name	SLC34A2 Polyclonal Antibody
Product Gene Name	anti-SLC34A2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	75kDa
OMIM	604217
3D Structure	ModBase 3D Structure for O95436
Immunogen	Recombinant protein of human SLC34A2 (NP_001171469.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SLC34A2 antibody	Western Blot (WB)
Application Notes for anti-SLC34A2 antibody	WB: 1:500-1:2000
Related Product Information for anti-SLC34A2 antibody	The protein encoded by this gene is a pH-sensitive sodium-dependent phosphate transporter. Phosphate uptake is increased at lower pH. Defects in this gene are a cause of pulmonary alveolar microlithiasis. Three transcript variants encoding two different isoforms have been found for this gene.
Other Notes	Small volumes of anti-SLC34A2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SLC34A2 purchase	MBS8574232 is an antibody targeting SLC34A2. Also known as SLC34A2 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC34A2. It may not necessarily be applicable to this product.

NCBI GI #	295789158
NCBI GeneID	10568
NCBI Accession #	NP_001171469.1
UniProt Primary Accession #	O95436
UniProt Related Accession #	O95436

GenBank Nucleotide #	NP_001171469.1
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
UniProt Protein Name	Sodium-dependent phosphate transport protein 2B
UniProt Synonym Protein Names	Na(+)-dependent phosphate cotransporter 2B; NaPi3b; Sodium/phosphate cotransporter 2B; Na(+)/Pi cotransporter 2B; NaPi-2b; Solute carrier family 34 member 2
Protein Family	Sodium-dependent phosphate transport protein
UniProt Gene Name	SLC34A2
UniProt Synonym Gene Names	Sodium-phosphate transport protein 2B; Na(+)/Pi cotransporter 2B; NaPi-2b
UniProt Entry Name	NPT2B_HUMAN
NCBI Protein Information	sodium-dependent phosphate transport protein 2B
Research Articles on SLC34A2	**1.** SLC34A2 regulated sphere formation and self-renewal properties of CD44(+) gastric cancer stem cell-like cells (GCSCs), in vitro and in vivo. Mechanistic investigations revealed that Gsk3beta was the most strikingly up-regulated gene in response to SLC34A2 knockdown in GCSCs and Wnt/beta-cantenin signaling was required for SLC34A2-mediated sphere formation.
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