ARG59822
anti-SLC34A2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC34A2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC34A2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 234-362 of Human SLC34A2 (NP_001171469.1).
Conjugation	Un-conjugated
Alternate Names	Sodium/phosphate cotransporter 2B; Na; NAPI-3B; NPTIIb; NAPI-IIb; Sodium-dependent phosphate transport protein 2B; NaPi3b; NaPi-2b; Sodium-phosphate transport protein 2B; Solute carrier family 34 member 2

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Rat lung, Mouse small intestine and HT-29
Observed Size	76 kDa

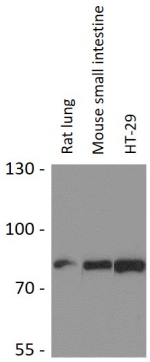
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SLC34A2
Gene Full Name	solute carrier family 34 (type II sodium/phosphate cotransporter), member 2
Background	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. [provided by RefSeq, May 2010]
Function	May be involved in actively transporting phosphate into cells via Na(+) cotransport. It may be the main phosphate transport protein in the intestinal brush border membrane. May have a role in the synthesis of surfactant in lungs' alveoli. [UniProt]
Calculated Mw	76 kDa
Cellular Localization	Membrane; Multi-pass membrane protein. [UniProt]

Images



ARG59822 anti-SLC34A2 antibody WB image

Western blot: 25 µg of Rat lung, Mouse small intestine and HT-29 cell lysates stained with ARG59822 anti-SLC34A2 antibody at 1:3000 dilution.