

Datasheet for ABIN636107
anti-SLC20A2 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SLC20A2
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC20A2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SLC20 A2 antibody was raised using a synthetic peptide corresponding to a region with amino acids DVNLYNETVETLMAGEVSAMVGSAAVWQLIASFLRLPISGTHCIVGSTIGF
Purification:	Affinity purified

Target Details

Target:	SLC20A2
Alternative Name:	SLC20A2 (SLC20A2 Products)
Background:	SLC20A2 is a sodium-phosphate symporter which seems to play a fundamental housekeeping role in phosphate transport by absorbing phosphate from interstitial fluid for normal cellular functions such as cellular metabolism, signal transduction, and nucleic acid and lipid synthesis. In vitro, sodium-dependent phosphate uptake is not significantly affected by acidic and alkaline conditions, however sodium-independent phosphate uptake occurs at acidic conditions. It may

Target Details

play a role in extracellular matrix, cartilage and vascular calcification.

Molecular Weight: 70 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: SLC20A2 Blocking Peptide, catalog no. 33R-2221, is also available for use as a blocking control in assays to test for specificity of this SLC20A2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLC20 2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. SLC20A2 antibody used at 1 µg/ml to detect target protein.