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## Datasheet for ABIN7119246 anti-SLC20A1 antibody

### Overview

Quantity:	100 µg
Target:	SLC20A1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC20A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	solute carrier family 20(phosphate transporter), member 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	SLC20A1
Alternative Name:	SLC20A1 ( <a href="#">SLC20A1 Products</a> )
Background:	Synonyms:Glvrl1, GLVR1, Phosphate transporter 1, PIT1, PIT1, SLC20A1 Background:Sodium-phosphate symporter which plays a fundamental housekeeping role in phosphate transport, such as absorbing phosphate from interstitial fluid for normal cellular functions such as cellular metabolism, signal transduction, and nucleic acid and lipid synthesis. May play a role in

## Target Details

extracellular matrix and cartilage calcification as well as in vascular calcification. May function as a retroviral receptor as it confers human cells susceptibility to infection to Gibbon Ape Leukemia Virus(GaLV), Simian sarcoma-associated virus(SSAV) and Feline leukemia virus subgroup B(FeLV-B) as well as 10A1 murine leukemia virus(10A1 MLV).

Molecular Weight: 80 kDa

Gene ID: 6574

UniProt: [Q8WUM9](#)

## Application Details

Application Notes: WB: 1:500-1:1000, IP: 1:500-1:1000, IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months