

[Go to Product page](#)

Datasheet for ABIN6735365 **anti-SLC4A4 antibody (N-Term)**

Overview

Quantity:	100 µg
Target:	SLC4A4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A 20-aa peptide sequence within the cytoplasmic, N-terminus of human NBC1 (1) was used to generate anti-NBC1. The peptide was coupled with KLH (carrier protein).
Isotype:	IgG
Specificity:	Human sequence is 100 % conserved in mouse, rat, human and rabbit NBC1/PSLC4A4/kNBC and 75 % in frog NBC1. This region is also shared 100 % with pNBC/ PSLC4A5. Therefore, antibodies will recognize both the kidney and pancreatic/heart isoforms. No significant sequence homology of was found with NBC2 or NBC3.
Purification:	Affinity purified

Target Details

Target:	SLC4A4
---------	--------

Target Details

Alternative Name:	SLC4A4 / NBC1 (SLC4A4 Products)
Background:	Name/Gene ID: SLC4A4 Subfamily: Anion exchanger Family: Transporter Synonyms: SLC4A4, HhNMC, HNBC1, KNBC, KNBC1, Na ⁺ -HCO ₃ ⁻ cotransporter, NBC2, NBCE1, NBC1, PNBC1, Na ⁽⁺⁾ /HCO ₃ ⁽⁻⁾ cotransporter, PNBC, HhNBC, NBC
Gene ID:	8671
UniProt:	Q9Y6R1

Application Details

Application Notes:	Approved: ELISA (1:10), WB (1 - 10 µg/mL) Usage: Suitable for use in ELISA and Western Blot. ELISA: 1:10K-1:100K using 50-100 ng of control peptide/well. Western Blot: 1-10 µg/mL using ECL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	100 mM Tris, pH 7.5, 0.2 % BSA, 0.05 % sodium azide, 40 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.