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Datasheet for ABIN6735364
anti-SLC4A4 antibody (N-Term)

Overview

Quantity:	100 µg
Target:	SLC4A4
Binding Specificity:	N-Term
Reactivity:	Rat
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 rat pNBC1 was used to generate anti-NBC1. The peptide was coupled with KLH. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes rat NBC1. This sequence is 100 % conserved in mouse, rat, human and rabbit pNBC1/PSLC4A5. This region is unique to the pancreatic isoforms and it is not found in kidney isoform, kNBC/PSLC4A4. No significant sequence homology of was found with NBC2 or NBC3.
Purification:	Immunoaffinity purified

Target Details

Target:	SLC4A4
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 (1:10000 - 1:100000), WB (1 - 10 µg/mL) Usage: Suitable for use in ELISA and Western Blot.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	TBS, 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.