

Datasheet for ABIN6265134

anti-SLC4A2 antibody (Internal Region)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SLC4A2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human AE2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	AE2 Antibody detects endogenous levels of total AE2.
Predicted Reactivity:	Pig,Bovine,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	SLC4A2
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Target Details

Alternative Name:	SLC4A2 (SLC4A2 Products)
Background:	Description: Plasma membrane anion exchange protein of wide distribution. Gene: SLC4A2
Molecular Weight:	137 kDa
Gene ID:	6522
UniProt:	P04920

Application Details

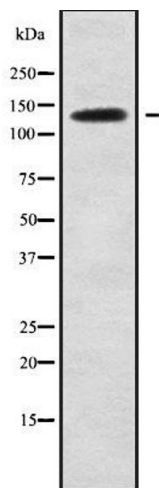
Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

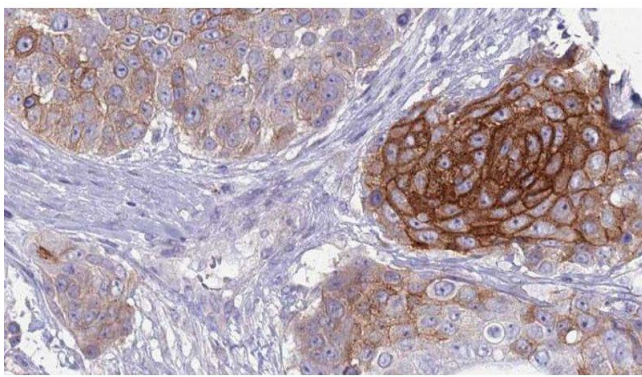
Publications

Product cited in:	Zou, Wang, Peng, Wei: "Oregano Essential Oil Induces SOD1 and GSH Expression through Nrf2 Activation and Alleviates Hydrogen Peroxide-Induced Oxidative Damage in IPEC-J2 Cells." in: Oxidative medicine and cellular longevity , Vol. 2016, pp. 5987183, (2017) (PubMed).
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Western Blotting

Image 1. Western blot analysis SLC4A2 using Jurkat whole cell lysates



Immunohistochemistry

Image 2. ABIN6279126 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary