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Datasheet for ABIN7170089

**anti-SLC12A7 antibody (AA 11-117) (Biotin)**

## Overview

Quantity:	100 µg
Target:	SLC12A7
Binding Specificity:	AA 11-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC12A7 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Solute carrier family 12 member 7 protein (11-117AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SLC12A7
Alternative Name:	SLC12A7 ( <a href="#">SLC12A7 Products</a> )
Background:	Background: Mediates electroneutral potassium-chloride cotransport when activated by cell swelling. May mediate K(+) uptake into Deiters' cells in the cochlea and contribute to K(+) swelling.

## Target Details

recycling in the inner ear. Important for the survival of cochlear outer and inner hair cells and the maintenance of the organ of Corti. May be required for basolateral Cl(-) extrusion in the kidney and contribute to renal acidification (By similarity).

Aliases: D13Ert261e antibody, Electroneutral potassium-chloride cotransporter 4 antibody, Furosemide sensitive KCl cotransporter 4 antibody, K Cl cotransporter KCC4 antibody, K-Cl cotransporter 4 antibody, Potassium/chloride transporter KCC4 antibody, S12A7\_HUMAN antibody, SLC12A7 antibody, Solute carrier family 12 (potassium/chloride transporters), member 7 antibody, Solute carrier family 12 member 7 antibody, Solute carrier family 12, member 7 antibody

UniProt: [Q9Y666](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.