

[Go to Product page](#)

Datasheet for ABIN7449758

anti-SLC12A7 antibody (AA 950-1000)

Overview

Quantity:	100 µg
Target:	SLC12A7
Binding Specificity:	AA 950-1000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC12A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-KCC4 Antibody, Affinity Purified
Immunogen:	Between AA 950 and 1000
Isotype:	IgG
Predicted Reactivity:	Rabbit
Purification:	Affinity Purified

Target Details

Target:	SLC12A7
Alternative Name:	KCC4 (SLC12A7 Products)
Background:	Background: K-Cl cotransporter 4 (KCC4) mediates electroneutral potassium-chloride

Target Details

cotransport when activated by cell swelling. KCC4 may mediate K(+) uptake into Deiters' cells in the cochlea and contribute to K(+) recycling in the inner ear. KCC4 is important for the survival of cochlear outer and inner hair cells and the maintenance of the organ of Corti. It may be required for basolateral Cl(-) extrusion in the kidney and contribute to renal acidification (By similarity) [taken from the Universal Protein Resource (UniProt) Q9Y666].

Gene ID: 10723

NCBI Accession: [NP_006589](#)

UniProt: [Q9Y666](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:1,000 - 1:5,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months