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Datasheet for ABIN7449757 anti-SLC12A7 antibody (AA 1-50)



Overview

Quantity:	100 µg
Target:	SLC12A7
Binding Specificity:	AA 1-50
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 1 and 50
Isotype:	lgG
Purification:	Affinity Purified

Target Details

Target:	SLC12A7
Alternative Name:	KCC4 (SLC12A7 Products)
Background:	Background: K-Cl cotransporter 4 (KCC4) mediates electroneutral potassium-chloride
	cotransport when activated by cell swelling. KCC4 may mediate K(+) uptake into Deiters' cells in

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	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