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anti-SLC12A4 antibody (Internal Region)

2 Images



Publication



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Quantity:	100 μg	
Target:	SLC12A4	
Binding Specificity:	Internal Region	
Reactivity:	Human	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This SLC12A4 antibody is un-conjugated	
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)	

Product Details

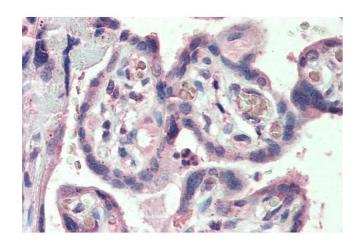
Purpose:	KCC1 / SLC12A4	
Immunogen:	Peptide with sequence C-DPSHAPDNFRE, from the internal region of the protein sequence according to NP_005063.1.	
Sequence:	DPSHAPDNFR E	
Isotype:	IgG	
Cross-Reactivity:	Dog, Human, Mouse, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

Target Details

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Target:	SLC12A4	
Alternative Name:	SLC12A4 (SLC12A4 Products)	
Background:	SLC12A4, KCC1, solute carrier family 12 (potassium/chloride transporters), member 4,	
	FLJ40489, potassium transport protein, potassium/chloride cotransporter 1	
Gene ID:	6560, 20498, 29501	
NCBI Accession:	NP_005063	
Application Details		
Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: §	
	μg/mL.	
	Western Blot: Approx 150 kDa band observed in Human Heart lysates (calculated MW of	
	121 kDa according to NP_005063.1). Recommended concentration: 0.3-1 μg/mL.	
	Peptide ELISA: antibody detection limit dilution 1:4000.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum	
	albumin.	
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:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated	
	at 4°C for a few weeks and still remain viable.	
Publications		
Product cited in:	Wei, Akerman, Newey, Pan, Clinch, Jacob, Shen, Wilkins, Ellory: "The potassium-chloride	
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cotransporter 2 promotes cervical cancer cell migration and invasion by an ion transport-independent mechanism." in: **The Journal of physiology**, Vol. 589, Issue Pt 22, pp. 5349-59, (2011) (PubMed).

Images



Immunohistochemistry

Image 1. ABIN238576 (5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

Western Blotting

Image 2. ABIN238576 (0.3μg/ml) staining of Human Heart lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.