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Overview

Quantity:	20 μL
Target:	SLC17A1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC17A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human SLC17A1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	SLC17A1
Alternative Name:	SLC17A1 (SLC17A1 Products)
Background:	NPT1, also called sodium-dependent phosphate transport protein, belongs to the organic anion transporter family, SLC17A. It is mainly expressed in the kidney transporting small organic anions such as PAH (para-aminohippurate), but it is also found in the liver and brain. NTP1
	localizes to the apical membrane of renal proximal tubular cells and functions as a voltage

Target Details

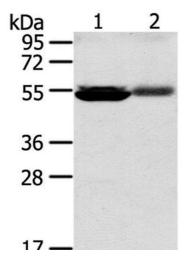
	driven organic anion/Cl-exchanger. It also plays a role in maintaining phosphate homeostasis.
	The expression of NPT1 is transcriptionally regulated by HNF-1 and HNF-3. Indomethacin and
	salicylate inhibit NPT1-mediated PAH transport.
Molecular Weight:	51 kDa
NCBI Accession:	NP_005065
UniProt:	Q14916

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western Blot analysis of Human kidney pericarcinous and kidney cancer tissue using SLC17A1 Polyclonal Antibody at dilution of 1:200