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# Datasheet for ABIN7442960 anti-SLC22A4 antibody (AA 42-141)

3 Images



### Overview

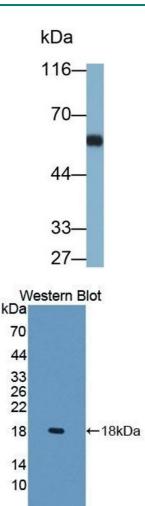
Quantity:	100 µL
Target:	SLC22A4
Binding Specificity:	AA 42-141
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Organic Cation/Ergothioneine Transporter (OCTN1)
Immunogen:	Recombinant Organic Cation/Ergothioneine Transporter (OCTN1) corresdonding to Leu42~Lys141
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against OCTN1. It has been selected for its ability to recognize OCTN1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	SLC22A4
Alternative Name:	Organic Cation/Ergothioneine Transporter (SLC22A4 Products)
Background:	SLC22A4, ETT, UT2H, Solute Carrier Family 22 Member 4, ET transporter
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL
	1:250-1000 Immunohistochemistry: 5-20 µg/mL
	1:25-100 Immunocytochemistry: 5-20 µg/mL
	1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

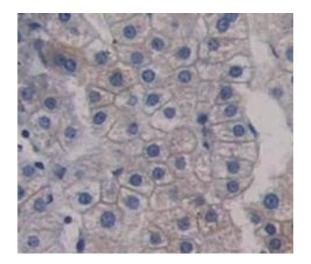


#### Western Blotting

**Image 1.** Detection of OCTN1 in Rat Thymus lysate using Polyclonal Antibody to Organic Cation/Ergothioneine Transporter (OCTN1)

#### Western Blotting

**Image 2.** Detection of Recombinant OCTN1, Human using Polyclonal Antibody to Organic Cation/Ergothioneine Transporter (OCTN1)



#### Immunohistochemistry

Image 3. #VALUE!

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