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Datasheet for ABIN668693

anti-SLC22A17 antibody (AA 475-538) (Biotin)



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Quantity:	100 μL	
Target:	SLC22A17	
Binding Specificity:	AA 475-538	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC22A17 antibody is conjugated to Biotin	
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC22A17
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	SLC22A17
Alternative Name:	Slc22A17 (SLC22A17 Products)

Target Details

Background:	Synonyms: BOCT, BOIT, 24p3R, NGALR, hBOIT, NGALR2, NGALR3, Solute carrier family 22	
	member 17, 24p3 receptor, Brain-type organic cation transporter, Lipocalin-2 receptor,	
	Neutrophil gelatinase-associated lipocalin receptor, SLC22A17	
	Background: Cell surface receptor for LCN2 (24p3) that plays a key role in iron homeostasis	
	and transport. Able to bind iron-bound LCN2 (holo-24p3), followed by internalization of holo-	
	24p3 and release of iron, thereby increasing intracellular iron concentration and leading to	
	inhibition of apoptosis. Also binds iron-free LCN2 (apo-24p3), followed by internalization of apo-	
	24p3 and its association with an intracellular siderophore, leading to iron chelation and iron	
	transfer to the extracellular medium, thereby reducing intracellular iron concentration and	
	resulting in apoptosis (By similarity).	
Gene ID:	51310	
UniProt:	Q8WUG5	
Pathways:	Transition Metal Ion Homeostasis	
Application Details		
Application Notes:	WB 1:300-5000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	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:	-20 °C	
Storage Comment:	Store at -20°C for 12 months.	
Expiry Date:	12 months	