

Datasheet for ABIN6292331 anti-Solute Carrier Family 14 (Urea Transporter, Kidney) Member 2 (SLC14A2) antibody



Image

Overview

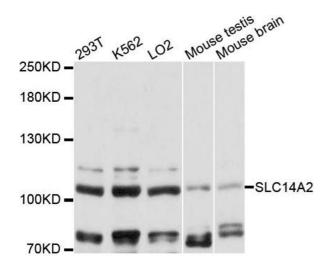
1

Reactivity:Mouse, HumanHost:RabbitClonality:PolyclonalConjugate:Un-conjugatedApplication:Western Blotting (WB)Product DetailsImmunogen:Recombinant Protein of human SLC14A2Isotype:IgGPurification:Affinity purificationTarget DetailsTarget:Solute Carrier Family 14 (Urea Transporter, Kidney) Member 2 (SLC14A2)Alternative Name:SLC14A2 Products)Background:The protein encoded by this gene belongs to the urea transporter family. In mammalian cells, urea is the chief end product of nitrogen catabolism, and plays an important role in the urinar concentration mechanism. This protein is expressed in the inner medulla of the kidney, and mediates rapid transepithelial urea transport across the inner medulla of the kidney, and mediates rapid transepithelial urea transport across the inner medulla of the kidney, and mediates rapid transepithelial urea transport across the inner medulla of the kidney, and mediates rapid transepithelial urea transport across the inner medulla of the kidney, and mediates rapid transepithelial urea transport across the inner medulla of the kidney, and mediates rapid transepithelial urea transport across the inner medulla of the kidney.	Quantity:	20 µL
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Target Details	
Molecular Weight:	101.209 kDa
Gene ID:	8170
UniProt:	Q15849
Pathways:	Response to Water Deprivation
Application Details	
Application Notes:	WB 1:500 - 1:2000
Comment:	Isoform 1 and isoform 2 are expressed in the inner medulla of the kidney
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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 -20C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SLC14A2 antibody (ABIN6292331) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.