

Anti-SLC14A1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 43 kDa. Actual: 48 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Mouse Prostate tissue lysates Lane 2: Mouse Liver tissue lysates Lane 3: Mouse Cerebrum tissue lysates
Verified Activity:	Primary: Anti-SLC14A1 (TMAB-12839) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 48 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human SLC14A1/RACH1
Antigen Species:	Human
Gene ID:	6563
Uniprot ID:	Q13336

Research Background

SLC14A1 is one of two major mammalian urea transporters, which play a critical role in the urine-concentrating mechanism. Their abundance is regulated by vasopressin, glucocorticoids, and mineralocorticoids. These regulatory mechanisms may be important in disease states such as diabetes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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