

Anti-SLC39A4 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat
Molecular Weight:	Theoretical: 66 kDa. Actual: 71 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (SLC39A4) Polyclonal Antibody, Unconjugated (TMAB-12900) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining. 2. Sample: MCF-7 (Human) Cell Lysate at 40 µg Primary: Anti-SLC39A4 (TMAB-12900) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 66 kD Observed band size: 71 kD
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

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 SLC39A4
Antigen Species:	Human
Gene ID:	55630
Uniprot ID:	Q6P5W5

Research Background

This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The encoded protein localizes to cell membranes and is required for zinc uptake in the intestine. Mutations in this gene result in acrodermatitis enteropathica. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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