



Datasheet for ABIN6147985

anti-Solute Carrier Family 34 (Type II Sodium/phosphate Cotransporter), Member 1 (SLC34A1) antibody



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Solute Carrier Family 34 (Type II Sodium/phosphate Cotransporter), Member 1 (SLC34A1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Protein
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)

Target Details

Target:	Solute Carrier Family 34 (Type II Sodium/phosphate Cotransporter), Member 1 (SLC34A1)
Alternative Name:	SLC34A1 (SLC34A1 Products)
Molecular Weight:	639
Gene ID:	6569
UniProt:	Q06495

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

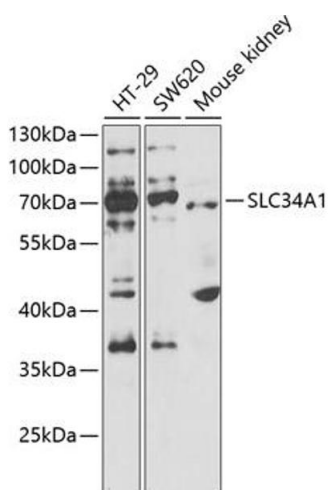
Format: Liquid

Storage: -20 °C

Publications

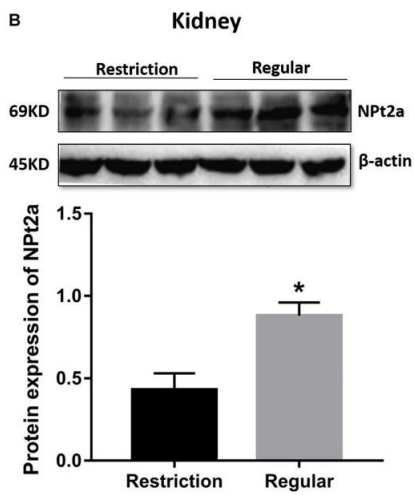
Product cited in: Ide, Ye, Courbebaisse, Olauson, Densmore, Larsson, Hanai, Lanske: "In vivo evidence for an interplay of FGF23/Klotho/PTH axis on the phosphate handling in renal proximal tubules." in: **American journal of physiology. Renal physiology**, Vol. 315, Issue 5, pp. F1261-F1270, (2018) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SLC34 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Western Blotting

Image 2. Effects of dietary non-phytate phosphorus levels (restriction, 0.14 % , regular, 0.32 %) on kidney expressions SLC34A1 mRNA (A) and NPT2a protein (B) in laying hens. SLC34A1 is the gene coding for type 2a sodium-phosphorus co-transporter (NPT2a). Values are of 3 hens/treatment. *P < 0.05. Experiment 2. - figure provided by CiteAb. Source: PMID32116791