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Datasheet for ABIN6737269

**anti-Solute Carrier Family 34 (Type II Sodium/phosphate
Contransporter), Member 1 (SLC34A1) (C-Term) antibody**

Overview

Quantity:	100 µg
Target:	Solute Carrier Family 34 (Type II Sodium/phosphate Contransporter), Member 1 (SLC34A1)
Binding Specificity:	C-Term
Reactivity:	Opossum
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A 20 AA synthetic peptide within the cytoplasmic, C-terminus region of Opossum NaPi-4/NPT2a was synthesized, conjugated to KLH. Type of Immunogen: Synthetic peptide
Isotype:	IgY
Specificity:	Peptide is specific for opossum Napi-4/npt2a. This sequence is not conserved in mouse, rat, human and other species Npt2a. No significant sequence homology is observed with other Pi-transporters (Type-I, III, or IV) transporters. Antibody cross-reactivity in various species is not established.
Purification:	Immunoaffinity purified

Target Details

Target:	Solute Carrier Family 34 (Type II Sodium/phosphate Cotransporter), Member 1 (SLC34A1)
Alternative Name:	SLC34A1 / NPT2 (SLC34A1 Products)
Background:	Name/Gene ID: SLC34A1 Subfamily: Sodium:phosphate symporter Family: Transporter Synonyms: SLC34A1, FRTS2, NAPI-3, NPT2, NPHLOP1, NPTIIa, SLC11, Na(+)/Pi cotransporter 2A, NaPi-2a, Napi3
Gene ID:	6569
UniProt:	Q06495

Application Details

Application Notes:	Approved: ELISA (1:10000 - 1:50000), WB (1:1000 - 1:5000) Usage: Suitable for use in ELISA, Western Blot. Western Blot: 1:1000-1:5000 for neat serum and 1-10 µg/mL for affinity pure using ECL. A band of 95-110kD has been detected in brush border membrane. ELISA:1:10000-1:50000 for neat serum and 0.5-1 µg/mL for affinity purified. Control peptide can be used to coat ELISA plates at 1 µg/mL.
Comment:	Target Species of Antibody: Opossum
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % BSA.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.