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Datasheet for ABIN6757578

anti-Solute Carrier Family 34 (Type II Sodium/phosphate Cotransporter), Member 1 (SLC34A1) (AA 126-146) antibody

Overview

Quantity:	100 µg
Target:	Solute Carrier Family 34 (Type II Sodium/phosphate Cotransporter), Member 1 (SLC34A1)
Binding Specificity:	AA 126-146
Reactivity:	Human
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	21aa synthetic peptide within the 1st extracellular loop (between TM1-2) of human NPT2a (aa126-146), conjugated to KLH. No significant sequence homology is observed with other Pi-transporters (Type-I, III, or IV). Type of Immunogen: Synthetic peptide
Isotype:	IgY
Specificity:	Recognizes human NPT2a. Species sequence Homology: rat, mouse, opossum, ovine-100 % , rabbit-95 % , zebra fish-85 % , frog-71 % . Sequence homology: human, mouse & rat ~65 % Type-IIb transporters.
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 (1:1000), WB (1:1000 - 1:5000) Usage: Suitable for use in Western Blot and ELISA.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2, 40 % glycerol.
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.