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## Datasheet for ABIN6735362 anti-SLC17A1 antibody (N-Term)



Overview	
Quantity:	100 µg
Target:	SLC17A1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC17A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	Human NPT1 is 465/467aa (chromosome 6) and mouse and rat 465 aa proteins. A 14 AA synthetic peptide within the cytoplasmic, N-terminus of Human NPT1/NaPi-4 was synthesized, conjugated to KLH.
	Type of Immunogen: Synthetic peptide - KLH conjugated
lsotype:	lgG
Specificity:	Peptide is 78 % conserved in rat and 71 % in mouse Npt1. No significant sequence homology is observed with other Pi-transporters (Type-II-IV) transporters. Antibody cross-reactivity in various species is not established.
Purification:	Immunoaffinity purified

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Target Details	
Target:	SLC17A1
Alternative Name:	SLC17A1 / VGLUT1 (SLC17A1 Products)
Background:	Name/Gene ID: SLC17A1
	Subfamily: Sodium:phosphate symporter
	Family: Transporter
	Synonyms: SLC17A1, Na/Pi-4, NAPI-1, NPT1, NPT-1, Sodium phosphate transporter, Na(+)/PI
	cotransporter 1
Gene ID:	6568
UniProt:	Q14916
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 $\mu$ g/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: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % BSA.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.

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