

DATASHEET

NPT3 Rabbit Polyclonal Antibody

CAT. NO. APA11343

KEY FEATURES

Target	NPT3	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Acts as a membrane potential-dependent organic anion transporter, the transport requires a low concentration of chloride ions . Mediates chloride-dependent transport of urate . Can actively transport inorganic phosphate into cells via Na(+) cotransport .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

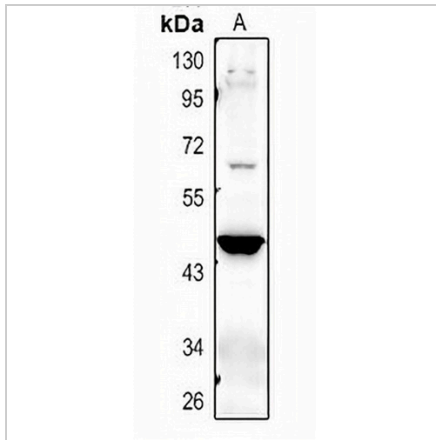
Description	Rabbit polyclonal antibody to NPT3
Specificity	Recognizes endogenous levels of NPT3 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NPT3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 47 kD; Observed: 47 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NPT3; Sodium-dependent phosphate transport protein 3; Na(+)/PI cotransporter 3; Sodium/phosphate cotransporter 3; Solute carrier family 17 member 2
Gene Symbol	SLC17A2
Entrez Gene	10246(Human)
SwissProt	O00624(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NPT3 expression in HCT116 (A) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 47 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.