10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-NPT3 Antibody

Catalog # AP61344

Product Information

Application	WB
Primary Accession	O00624
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47277

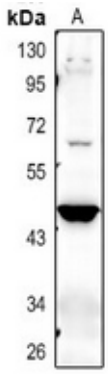
Additional Information

Gene ID	10246
Other Names	NPT3; Sodium-dependent phosphate transport protein 3; Na(+)/PI cotransporter 3; Sodium/phosphate cotransporter 3; Solute carrier family 17 member 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NPT3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	SLC17A2
Synonyms	NPT3
Function	Acts as a membrane potential-dependent organic anion transporter, the transport requires a low concentration of chloride ions (By similarity). Mediates chloride-dependent transport of urate (By similarity). Can actively transport inorganic phosphate into cells via Na(+) cotransport (By similarity).
Cellular Location	Apical cell membrane {ECO:0000250|UniProtKB:Q5SZA1}; Multi-pass membrane protein
Tissue Location	Expressed in the small intestine, kidney, spleen and testis. Not detected in fetal brain, bone marrow, and mammary gland.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.