

**Anti-NPT3 Antibody**  
Rabbit polyclonal antibody to NPT3  
Catalog # AP61344

**Specification**

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**Anti-NPT3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O00624</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47277

**Anti-NPT3 Antibody - 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**

Recognizes endogenous levels of NPT3 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-NPT3 Antibody - 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

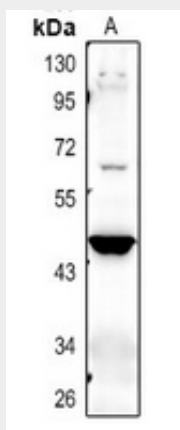
Expressed in the small intestine, kidney, spleen and testis. Not detected in fetal brain, bone marrow, and mammary gland.

### Anti-NPT3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-NPT3 Antibody - Images



Western blot analysis of NPT3 expression in HCT116 (A) whole cell lysates.

### Anti-NPT3 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NPT3. The exact sequence is proprietary.