

AP42236PU-N

Polyclonal Antibody to SLC17A2 / NPT3 - Aff - Purified

Alternate names:

Na(+)/PI cotransporter 3, Sodium-dependent phosphate transport protein 3, Sodium/phosphate cotransporter 3, Solute carrier family 17 member 2

Quantity:

50 µg

Background:

SLC17A2 belongs to the major facilitator superfamily, Sodium/anion cotransporter family, and may be involved in actively transporting phosphate into cells via Na⁺ cotransport. It is expressed in the small intestine, kidney, spleen and testis. Not detected in fetal brain, bone marrow, and mammary gland.

Uniprot ID:

[O00624](#)

NCBI:

[NP_005826](#)

GeneID:

[10246](#)

Host:

Rabbit

Immunogen:

The immunogen for anti-SLC17A2 antibody: synthetic peptide directed towards the middle region of human SLC17A2

AA Sequence:

VIYDDPMHHPICISVREKEHILSSLAQQPSSPGRAVPIKAMVTCLPLWAI

Format:

State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Purification: Purified using peptide immunoaffinity column

Applications:

Western blotting (0.2 - 1 µg/ml)

Immunohistochemistry on paraffin embedded sections (2 - 8 µg/ml)

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Species Reactivity:

Tested: Human

Expected from sequence similarity: Mouse, Bovine

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

"A 1.1-Mb transcript map of the hereditary hemochromatosis locus." Ruddy D.A., Kronmal G.S., Lee V.K., Mintier G.A., Quintana L., Domingo R. Jr., Meyer N.C., Irrinki A., McClelland E.E., Fullan A., Mapa F.A., Moore T., Thomas W., Loeb D.B., Harmon C., Tsuchihashi Z., Wolff R.K., Schatzman R.C., Feder J.N. Genome Res. 7:441-456(1997)

Pictures:

WB Suggested Anti-SLC17A2 Antibody
Titration: 0.2-1 ug/ml; Positive Control:
Jurkat cell lysate



Human kidney

