

AP17218PU-N**Polyclonal Antibody to CLNS1A (C-term)****Alternate names:**

CLCI, Chloride channel, Chloride conductance regulatory protein ICLn, Chloride ion current inducer protein, ICLN, Methylosome subunit pICln, Reticulocyte pICln, nucleotide sensitive 1A

Quantity:

0.4 ml

Concentration:

lot specific

Background:

CLNS1A is a protein that functions in multiple regulatory pathways. The protein complexes with numerous cytosolic proteins and performs diverse functions including regulation of small nuclear ribonucleoprotein biosynthesis, platelet activation and cytoskeletal organization. The protein is also found associated with the plasma membrane where it functions as a chloride current regulator.

Uniprot ID:

[P54105](#)

NCBI:

[NP_001284](#)

GeneID:

[1207](#)

Host:

Rabbit

Immunogen:

KLH conjugated synthetic peptide selected from the C-terminal region of human CLNS1A

Format:

State: Liquid Ig fraction

Purification: Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Buffer System: PBS with 0.09% (W/V) sodium azide

Applications:

Western blot: 1:50 - 1:100.

ELISA: 1:1,000.

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

Specificity:

This antibody detects CLNS1A at C-term.

Species Reactivity:

Tested: Human

Add. Information:

Molecular weight: 41569 Da (Component of the methylosome, a 20S complex containing SKB1)

Storage:

Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

1. Yeung, C.H., Biol. Reprod. 73 (5), 1057-1063 (2005).

Pictures:

Western blot analysis of CLNS1A antibody (C-term) (AP17218PU-N) in HL60 cell line lysates (35 µg/lane). CLNS1A (arrow) was detected using the purified Pab.

