

ACP5 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20031a

Specification

ACP5 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P13686
Other Accession	NP_001602.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36599
Antigen Region	75-101

ACP5 Antibody (N-term) - Additional Information

Gene ID 54

Other Names

Tartrate-resistant acid phosphatase type 5, TR-AP, Tartrate-resistant acid ATPase, TrATPase, Type 5 acid phosphatase, ACP5

Target/Specificity

This ACP5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-101 amino acids from the N-terminal region of human ACP5.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ACP5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ACP5 Antibody (N-term) - Protein Information

Name ACP5

Function Involved in osteopontin/bone sialoprotein dephosphorylation. Its expression seems to

increase in certain pathological states such as Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T- cell leukemias.

Cellular Location

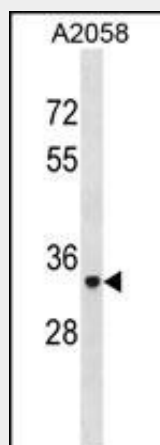
Lysosome.

ACP5 Antibody (N-term) - 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](#)

ACP5 Antibody (N-term) - Images



ACP5 Antibody (N-term) (Cat. #AP20031a) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the ACP5 antibody detected the ACP5 protein (arrow).

ACP5 Antibody (N-term) - Background

This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq].

ACP5 Antibody (N-term) - References

- Shih, K.C., et al. *Metab. Clin. Exp.* 59(1):144-151(2010)
Wu, Y.Y., et al. *BMC Cancer* 10, 158 (2010) :
Baranzini, S.E., et al. *Hum. Mol. Genet.* 18(4):767-778(2009)
Qin, Y.J., et al. *Acta Pharmacol. Sin.* 29(12):1493-1498(2008)
de Souza Malaspina, T.S., et al. *J. Mol. Histol.* 39(6):627-634(2008)