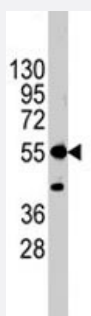


ALPI polyclonal antibody

Catalog # PAB1882

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of ALPI polyclonal antibody (Cat # PAB1882) in HL-60 cell line lysates (35 ug/lane). ALPI (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ALPI.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human ALPI.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of ALPI polyclonal antibody (Cat # PAB1882) in HL-60 cell line lysates (35 ug/lane). ALPI (arrow) was detected using the purified polyclonal antibody.

Gene Info — ALPI

Entrez GeneID	248
Protein Accession#	NP_001622:P09923
Gene Name	ALPI
Gene Alias	IAP
Gene Description	alkaline phosphatase, intestinal
Omim ID	171740
Gene Ontology	Hyperlink
Gene Summary	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is upregulated during small intestinal epithelial cell differentiation. [provided by RefSeq]
Other Designations	Kasahara isozyme alkaline phosphomonoesterase glycerophosphatase intestinal alkaline phosphatase

Publication Reference

- [A new approach using tissue alkaline phosphatase histochemistry to identify Crohn's disease.](#)

Torres MI, Lorite P, Lopez-Casado MA, Rios A.

Pathology, Research and Practice 2007 May; 203(6):485.

- [Differentiation-dependent activation of the human intestinal alkaline phosphatase promoter by HNF-4 in intestinal cells.](#)

Olsen L, Bressendorff S, Troelsen JT, Olsen J.

American Journal of Physiology. Gastrointestinal and Liver Physiology 2005 Aug; 289(2):G220.

- [Differential regulation of intestinal alkaline phosphatase gene expression by Cdx1 and Cdx2.](#)

Alkhoury F, Malo MS, Mozumder M, Mostafa G, Hodin RA.

American Journal of Physiology. Gastrointestinal and Liver Physiology 2005 Aug; 289(2):G285.

Pathway

- [Folate biosynthesis](#)
- [gamma-Hexachlorocyclohexane degradation](#)
- [Metabolic pathways](#)