

OriGene Technologies, Inc.

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Product datasheet for TA360865

Alkaline Phosphatase (ALPL) Rabbit Polyclonal Antibody

Product data:

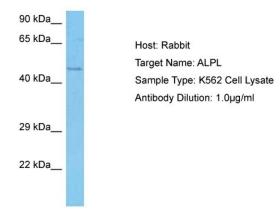
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ALPL
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	51 kDa
Gene Name:	alkaline phosphatase, liver/bone/kidney
Database Link:	<u>NP_000469.3</u> <u>Entrez Gene 249 Human</u> <u>P05186-3</u>



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	Alkaline Phosphatase (ALPL) Rabbit Polyclonal Antibody – TA360865
Background:	This gene encodes a member of the alkaline phosphatase family of proteins. There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2, while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme may play a role in bone mineralization. Mutations in this gene have been linked to hypophosphatasia, a disorder that is characterized by hypercalcemia and skeletal defects.
Synonyms:	AP-TNAP; FLJ40094; FLJ93059; glycerophosphatase; HOPS; MGC161443; MGC167935; OTTHUMP00000002972; TNAP; TNSALP
Protein Families:	Druggable Genome
Protein Pathways	s: Folate biosynthesis, Metabolic pathways

Product images:



Host: Rabbit Target Name: ALPL Sample Tissue: Human K562 Whole Cell lysates Antibody Dilution: 1ug/ml

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