

ALPL

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IP FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50
FC 1:10 - 1:50

Calculated MW: 57 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ALPL

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HOPS; TNAP; APTNAP; TNSALP; AP-TNAP;

Catalog #: A11138

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 249

Isotype: IgG

Swiss Prot: P05186

Purity: Affinity purification

For research use only.

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.

To place an order, please [Click HERE](#).