

**ALPPL2 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13552a****Specification**

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**ALPPL2 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P10696](#)**ALPPL2 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 251

**Other Names**

Alkaline phosphatase, placental-like, ALP-1, Alkaline phosphatase Nagao isozyme, Germ cell alkaline phosphatase, GCAP, Placental alkaline phosphatase-like, PLAP-like, ALPPL2, ALPPL

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13552a was selected from the N-term region of ALPPL2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ALPPL2 Antibody (N-term) Blocking peptide - Protein Information**Name ALPG ([HGNC:441](#))**Function**

Alkaline phosphatase that can hydrolyze various phosphate compounds.

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor.

**Tissue Location**

Trace amounts in the testis and thymus, and in elevated amounts in germ cell tumors

**ALPPL2 Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **ALPPL2 Antibody (N-term) Blocking peptide - Images**

#### **ALPPL2 Antibody (N-term) Blocking peptide - Background**

There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The product of this gene is a membrane bound glycosylated enzyme, localized to testis, thymus and certain germ cell tumors, that is closely related to both the placental and intestinal forms of alkaline phosphatase.

#### **ALPPL2 Antibody (N-term) Blocking peptide - References**

Pelttari, K., et al. Arthritis Rheum. 54(10):3254-3266(2006) Nakano, T., et al. Biochem. Biophys. Res. Commun. 341(1):33-38(2006) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Le Du, M.H., et al. J. Biol. Chem. 277(51):49808-49814(2002) Kozlenkov, A., et al. J. Biol. Chem. 277(25):22992-22999(2002)