

### **Product datasheet for TA329490**

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## Alkaline Phosphatase (ALPPL2) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-ALPPL2 antibody: synthetic peptide directed towards the N terminal

of human ALPPL2. Synthetic peptide located within the following region: MQGPWVLLLLGLRLQLSLGIIPVEEENPDFWNRQAAEALGAAKKLQPAQT

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.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 59 kDa

**Gene Name:** alkaline phosphatase, placental like 2

Database Link: NP 112603

Entrez Gene 251 Human

P10696



#### Alkaline Phosphatase (ALPPL2) Rabbit Polyclonal Antibody - TA329490

Background:

There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The exact physiological function of the alkaline phosphatases is not known. ALPPL2 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. 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 exact physiological function of the alkaline phosphatases is not known. 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.

Synonyms: ALPG; ALPPL; GCAP

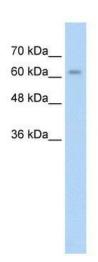
Note: Immunogen sequence homology: Human: 100%; Mouse: 82%; Pig: 79%; Rat: 79%; Horse: 79%;

Bovine: 79%; Dog: 77%; Rabbit: 77%; Guinea pig: 77%

**Protein Families:** Druggable Genome

**Protein Pathways:** Folate biosynthesis, Metabolic pathways

#### **Product images:**



WB Suggested Anti-ALPPL2 Antibody Titration: 2.5 ug/ml; Positive Control: HepG2 cell lysate