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| <b>Product name:</b>     | Placental Alkaline Phosphatase Rabbit Polyclonal Antibody                                                                                                                                                                                                                                                                  |
| <b>Cat number:</b>       | ABN00558                                                                                                                                                                                                                                                                                                                   |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                               |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                      |
| <b>Clone:</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                 |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                     |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from the N-terminal region of human ALPP/ALPPL2. AA range:1-50                                                                                                                                                                                              |
| <b>Reactivity:</b>       | Human,Mouse                                                                                                                                                                                                                                                                                                                |
| <b>Applications:</b>     | WB 1:500-1:1000,ELISA 1:5000-1:20000                                                                                                                                                                                                                                                                                       |
| <b>Molecular Weight:</b> | Calculated MW: 57 kDa; Observed MW: 60 kDa                                                                                                                                                                                                                                                                                 |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                      |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                            |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                               |
| <b>Background:</b>       | PLAP may assist in guiding migratory cells and transporting specific molecules, such as fatty acids and immunoglobulins, across the plasma membrane. The three tissue-specific APs identified in human, PLAP, germ cell AP (GCAP) and intestinal AP, are 90-98% homologous and their genes are clustered on chromosome 2q. |