

ALPP/ALPPL2 Polyclonal Antibody

Cat #: ABP53106

Size: 30µl /100µl /200µl

Product Information

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| | Product Name: ALPP/ALPPL2 Polyclonal Antibody | | |
| | Applications: WB, ELISA | | Isotype: Rabbit IgG |
| | Reactivity: Human, Mouse | | |
| REF | Catalog Number: ABP53106 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: Alkaline phosphatase, placental type encoded by ALPP is an alkaline phosphatase, a metalloenzyme that catalyzes the hydrolysis of phosphoric acid monoesters. It belongs to a multigene family composed of four alkaline phosphatase isoenzymes. The enzyme functions as a homodimer and has a catalytic site containing one magnesium and two zinc ions, which are required for its enzymatic function. The protein is primarily expressed in placental and endometrial tissue; however, strong ectopic expression has been detected in ovarian adenocarcinoma, serous cystadenocarcinoma, and other ovarian cancer cells.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



Fig.1. Western Blot analysis of 293 cells using ALPPL2 Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

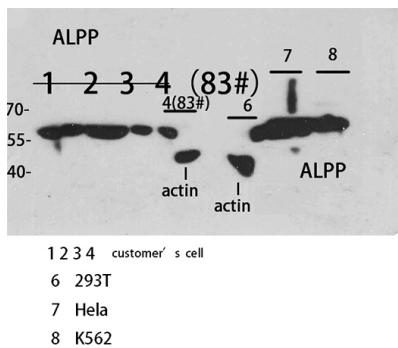


Fig.2. Western Blot analysis of customer's sample using ALPPL2 Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

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