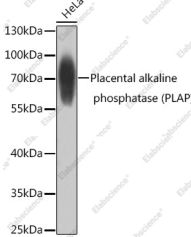
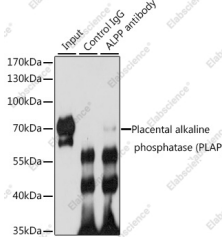


Placental alkaline phosphatase (PLAP) Polyclonal Antibody

catalog number: E-AB-92361

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant fusion protein of human Placental alkaline phosphatase
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:500-1:2000
IP	50-1:200

Data	
 Western blot analysis of extracts of HeLa cells using Placental alkaline phosphatase Polyclonal Antibody at 1:1000 dilution. Observed-MW: Refer to figures Calculated-MW: 57 kDa	 Immunoprecipitation analysis of 200ug extracts of HeLa cells using 3 ug Placental alkaline phosphatase (PLAP) Polyclonal Antibody. Western blot was performed from the immunoprecipitate using Placental alkaline phosphatase (PLAP) Polyclonal Antibody at a dilution of 1:1000. Observed-MW: Refer to figures Calculated-MW: 57 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background	
The protein encoded by this gene 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.	

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