

ALPP/ALPPL2 Polyclonal Antibody

Cat No: HR1AP5216

For research use only

Overview

Product Name	ALPP/ALPPL2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	60kDa
GeneID?Human?	ALPP/ALPPL2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ALPP; PLAP; Alkaline phosphatase, placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1; ALPPL2; ALPPL; Alkaline phosphatase, placental-likeALP-1; Alkaline phosph
Background	alkaline phosphatase, placental(ALPP) Homo sapiens 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. [provided by RefSeq, Jan 2015],