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Datasheet for ABIN3029911 anti-Alkaline Phosphatase antibody (AA 56-83)





Overview

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Quantity:	0.4 mL
Target:	Alkaline Phosphatase (ALP)
Binding Specificity:	AA 56-83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Alkaline Phosphatase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	A portion of amino acids 56-83 from the human protein was used as the immunogen for this
	placental Alkaline Phosphatase antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified
Target Details	
Target:	Alkaline Phosphatase (ALP)
Alternative Name:	Alkaline Phosphatase (ALP Products)
Background:	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placenta

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 product of

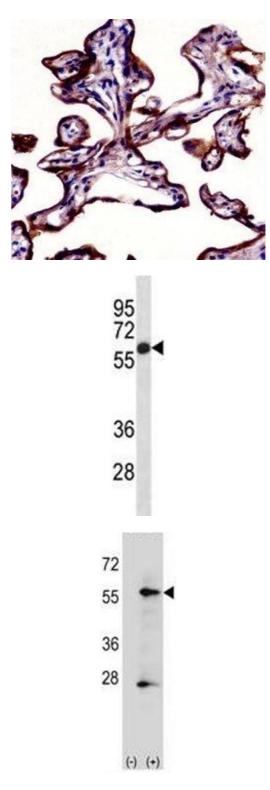
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Target Details

	this gene is a membrane bound glycosylated enzyme, also referred to as the heat stable form, that is expressed primarily in the placenta although it is closely related to the intestinal form of
	the enzyme as well as to the placental-like form. The coding sequence for this form of alkaline
	phosphatase is unique in that the 3' untranslated region contains multiple copies of an Alu
	family repeat. In addition, this gene is polymorphic and three common alleles (type 1, type 2 and
	type 3) for this form of alkaline phosphatase have been well characterized.
UniProt:	P05187

Application Details

Application Notes:	Titration of the placental Alkaline Phosphatase antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the placental Alkaline Phosphatase antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

Image 1. Placental Alkaline Phosphatase antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue.

Western Blotting

Image 2. Placental Alkaline Phosphatase antibody western blot analysis in HepG2 lysate

Western Blotting

Image 3. Western blot analysis of placental Alkaline Phosphatase antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the ALPP gene.

Please check the product details page for more images. Overall 5 images are available for ABIN3029911.

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