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Datasheet for ABIN7433141 anti-Intestinal Alkaline Phosphatase antibody (AA 20-333)

2 Images



Overview

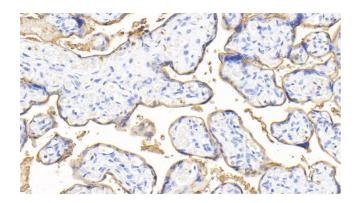
Quantity:	100 µL
Target:	Intestinal Alkaline Phosphatase (ALPI)
Binding Specificity:	AA 20-333
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Intestinal Alkaline Phosphatase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Alkaline Phosphatase, Intestinal (ALPI)
Immunogen:	Recombinant Alkaline Phosphatase, Intestinal (ALPI) corresdonding to Val20~Arg333 with N- terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ALPI. It has been selected for its ability to recognize ALPI in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

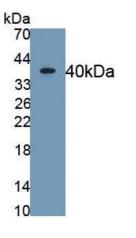
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Target Details	
Target:	Intestinal Alkaline Phosphatase (ALPI)
Alternative Name:	Alkaline Phosphatase, Intestinal (ALPI Products)
Background:	CIP, IAP, Calf Intestinal Alkaline Phosphatase
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL
	1:430-1700 Immunohistochemistry: 5-20 µg/mL
	1:43-170 Immunocytochemistry: 5-20 µg/mL
	1:43-170 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of ALPI in Human Placenta Tissue using Polyclonal Antibody to Alkaline Phosphatase, Intestinal (ALPI)



Western Blotting

Image 2. Detection of Recombinant ALPI, Human using Polyclonal Antibody to Alkaline Phosphatase, Intestinal (ALPI)

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