

# Product Datasheet

## Alkaline Phosphatase, Intestinal Antibody - BSA Free NB120-7325-100ug

Unit Size: 100 ug

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NB120-7325-100ug**

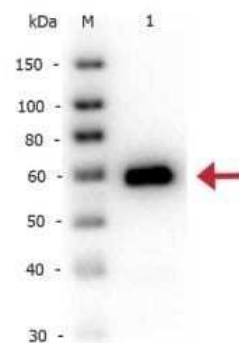
Alkaline Phosphatase, Intestinal Antibody - BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Alkaline Phosphatase [Calf Intestine]</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	248
Gene Symbol	ALPI
Species	Bovine
Reactivity Notes	Cross reactivity against Alkaline Phosphatase, Intestinal from other tissues and species may occur but have not been specifically determined.
Specificity/Sensitivity	Cross reactivity against Alkaline Phosphatase, Intestinal from other tissues and species may occur but have not been specifically determined.
Immunogen	Alkaline Phosphatase, Intestinal, Intestinal [Calf Intestine] (Uniprot: P19111)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000-1:10000, ELISA 1:20000-1:100000, Immunohistochemistry 1:1000-1:5000, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This product has been tested against 1.0 ug of Alkaline Phosphatase [Calf intestine] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.

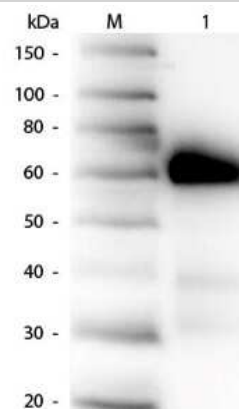


## Images

Western Blot: Alkaline Phosphatase, Intestinal Antibody [NB120-7325] - Western Blot of Rabbit anti-Alkaline Phosphatase antibody Biotin Conjugated. Lane 1: Alkaline Phosphatase (calf intestine). Load: 50 ng per lane. Primary antibody: Alkaline Phosphatase antibody Biotin conjugated at 1:2,000 for 60 min at RT. Secondary antibody: Peroxidase Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: Blocking Buffer for Fluorescent Western Blotting for 30 min at RT. Predicted/Observed size: 57 kDa, 57 kDa for Alkaline Phosphatase." Image using the Biotin form of this antibody.



Western Blot: Alkaline Phosphatase, Intestinal Antibody [NB120-7325] - Lane 1: Alkaline Phosphatase (Calf Intestine). Load: 50 ng per lane. Primary antibody: Rabbit anti-Alkaline Phosphatase (Calf Intestine) Antibody at 1:1,000 overnight at 4C. Secondary antibody: HRP rabbit secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 57 kDa, 60 kDa for Alkaline Phosphatase (Calf Intestine).



Western Blot: Alkaline Phosphatase, Intestinal Antibody [NB120-7325] - Lane 1: Calf intestine Alkaline Phosphatase. Load: 1.5 ug Block: 5% Blotto 1 hour at 4C. Primary antibody: diluted to 1:1000 in 5% Blotto overnight at 4C. Secondary antibody: Goat anti Rabbit 1:20,000 in 1 Hour 4C Substrate: Femtomax 110.





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### **Products Related to NB120-7325-100ug**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000248-Q01-10ug	Recombinant Human Alkaline Phosphatase, Intestinal GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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