

# Product Datasheet

## Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Alkaline Phosphatase] NB120-7112

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB120-7112**

Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Alkaline Phosphatase]

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Conjugate	Alkaline Phosphatase
Purity	Multi-step
Buffer	0.05 M Tris Chloride, 0.15 M Sodium Chloride, 0.001 M Magnesium Chloride, 0.0001 M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>Store vial at 4C before opening. DO NOT FREEZE. This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Sheep IgG and Sheep Serum.</p>
Host	Rabbit
Species	Sheep
Immunogen	Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Alkaline Phosphatase] was produced by repeated immunization with Sheep IgG whole molecule in rabbit.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:5000, Immunohistochemistry 1:200 - 1:1000, Dot Blot
Application Notes	This product has been tested by ELISA and dot blot and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.



## Images

Dot Blot: Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Alkaline Phosphatase] [NB120-7112] - Dot Blot of Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Alkaline Phosphatase].

Antigen: Sheep IgG.

Load: 200 ng, 66.7 ng, 22.2 ng, 7.41 ng or 2.47 ng as indicated.

Primary antibody: N/A.

Secondary antibody: Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Alkaline Phosphatase]

Block: Blocking Buffer for Fluorescent Western Blotting at RT for 1 hour.



## Publications

Nagane M, Suge R, Watanabe S. Relationship between psychosomatic complaints and circadian rhythm irregularity assessed by salivary levels of melatonin and growth hormone Journal of Circadian Rhythms 2011-09-14 [PMID: 21914213] (Western Blot)

Nagane M, Yoshimura K, Watanabe S, Nomura M. A possible connection between psychosomatic symptoms and daily rhythmicity in growth hormone secretion in healthy Japanese students J Circadian Rhythms 2009-08-07 [PMID: 19656410]

Details:

This citation used the Alkaline Phosphatase format of this antibody.

Nagane M, Suge R, Watanabe S. Relationship between psychosomatic complaints and circadian rhythm irregularity assessed by salivary levels of melatonin and growth hormone. J Circadian Rhythms;9:9. 2011 Sep 14. [PMID: 21914213]



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### **Limitations**

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

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