

# Product Datasheet

## L-Asparaginase Antibody [Biotin]

### NB120-20646-0.1mg

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB120-20646-0.1mg**

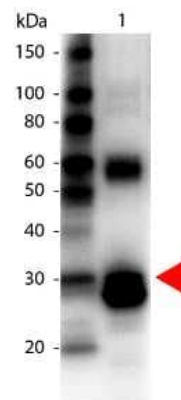
L-Asparaginase Antibody [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Product Description	
Description	This antibody is 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.
Host	Rabbit
Species	E. coli
Reactivity Notes	L-Asparaginase. Cross reactivity against Asparaginase from other tissues and species may occur but have not been specifically determined.
Immunogen	L-L-Asparaginase [E. coli] (Uniprot: P00805)
Notes	<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-Biotin, anti-Rabbit Serum as well as purified and partially purified Asparaginase [E.coli]</p> <p>Store vial at -20C or below prior to opening. This vial contains a relatively low volume of reagent (25 ul). To minimize loss of volume dilute 1:10 by adding 225 ul of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20C or below after dilution. Avoid cycles of freezing and thawing.</p>
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:1000
Application Notes	This antibody has been assayed against 1.0 ug of Asparaginase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:3,200 to 1:12,800 of the reconstitution concentration is suggested for this product.



## Images

Western Blot: Asparaginase Antibody [Biotin] [NB120-20646] - Lane 1: L-Asparaginase. Lane 2: none. Load: 100 ng per lane. Primary antibody: Biotin Conjugated L-Asparaginase antibody at 1:1000 for overnight at 4C. Secondary antibody: HRP Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 32 kDa for L-Asparaginase. Other band(s): L-Asparaginase splice variants and isoforms.





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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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