

# Product Datasheet

## KLH Antibody [HRP] NBP1-97357

Unit Size: 0.1 mg

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

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**NBP1-97357**

KLH Antibody [HRP]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	Lyophilized from 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	<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> <p>Stabilizer: 10 mg/ml Bovine Serum Albumin (BSA)-Immunoglobulin and Protease free  Color: Substrate dependent  Conjugation Chemistry: Periodate</p> <p>This Peroxidase Conjugated antibody was prepared from monospecific antiserum by immunoaffinity chromatography using KLH 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-Peroxidase, anti-Rabbit Serum, and KLH.</p>
Host	Rabbit
Species	All Species
Immunogen	KLH (Keyhole Limpet Hemocyanin)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:400000, Immunohistochemistry 1:500-1:2500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	<p>This product has been tested by ELISA and is assayed against 1.0 ug of KLH in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) substrate for 30 minutes at room temperature. A working dilution of 1:15,000 to 1:60,000 is suggested for this product. Anti-KLH Antibody is suitable for western blotting to detect a single band of the expected apparent molecular weight and for ELISA. Peroxidase conjugated anti-KLH antibody is suitable for use with streptavidin reporter systems. Researchers should determine optimal titers for applications that are not stated below.</p> <p>NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p>



## Images

Western Blot: KLH Antibody [HRP] [NBP1-97357] - Lane 1: molecular weight. Lane 2: reduced KLH. Load: 1 ug. Primary antibody: KLH antibody at 1:1000 for overnight at 4C. Secondary antibody: HRP Goat-anti Rabbit secondary antibody at 1:40,000 for 45 min at RT. Block: 1% BSA-TBS overnight at 4C. Predicted/Observed size: 350-390 kDa, 350-390 kDa for KLH. Other band(s): none.





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NBP2-24891H	Rabbit IgG Isotype Control [HRP]
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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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