

Product Datasheet

Ovalbumin Antibody [HRP]

NB120-20546-0.1mg

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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Ovalbumin 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	Multi-step
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

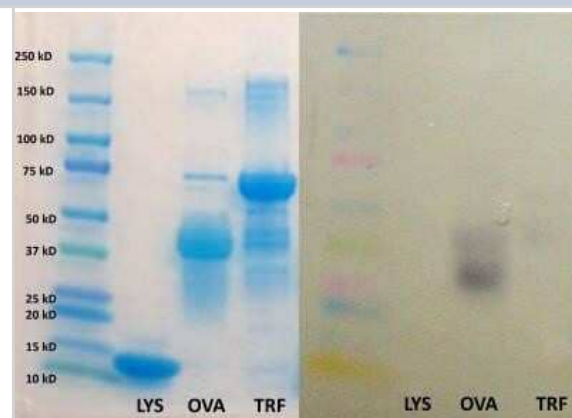
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>Ovalbumin 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-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Ovalbumin [Hen Egg White]</p>
Host	Rabbit
Gene ID	396058
Gene Symbol	OVAL
Species	Chicken
Reactivity Notes	Cross reactivity against Ovalbumin from other sources is unknown
Specificity/Sensitivity	Cross reactivity against Ovalbumin from other sources is unknown.
Immunogen	Ovalbumin [Hen Egg White] (Uniprot: P01012)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA 1:5000 - 1:25000
Application Notes	<p>This antibody is suitable for western blotting, ELISA, IHC and IP. 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>

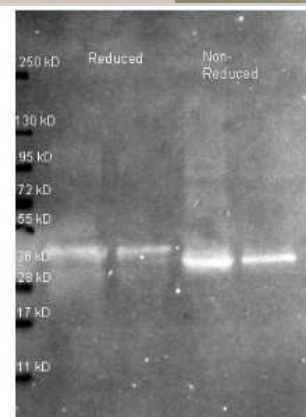


Images

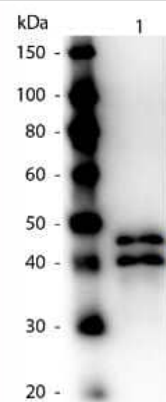
Western Blot: Ovalbumin Antibody [HRP] [NB120-20546] - Analysis on purified egg white proteins (lysozyme, ovalbumin, ovotransferrin). Image from verified customer review.



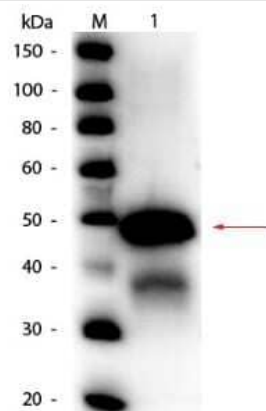
Western Blot: Ovalbumin Antibody [HRP] [NB120-20546] - Lane 1: 1 ug Ovalbumin protein reduced. Lane 2: 0.25 ug Ovalbumin protein reduced. Lane 3: 1 ug Ovalbumin protein non-reduced. Lane 4: 0.25 ug Ovalbumin protein non-reduced. Primary antibody: Ovalbumin antibody at 1:5000 for overnight at 4C. Secondary antibody: Atto 425 conjugated goat anti rabbit secondary antibody at 1:10,000 for 1.5 hr at RT. Block: incubated with blocking buffer for ovalbumin. Other band(s): none.



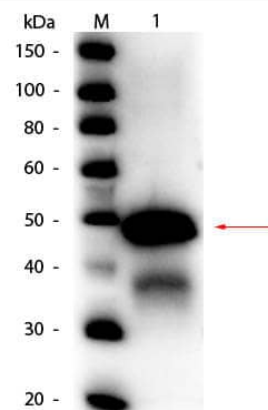
Western Blot: Ovalbumin Antibody [HRP] [NB120-20546] - Lane 1: Ovalbumin. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase rabbit secondary antibody at 1:1,000 for 60 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 45 kDa, 45 kDa for Ovalbumin. Other band(s): Ovalbumin splice variants and isoforms.



Western Blot: Ovalbumin Antibody [HRP] [NB120-20546] - Lane 1: Ovalbumin (Hen Egg). Load: 50 ng per lane. Primary antibody: Rabbit anti-Ovalbumin Peroxidase Conjugated Antibody at 1:1,000 overnight at 4C. Secondary antibody: none Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 43 kDa, 43 kDa for Ovalbumin. Other band(s): Ovalbumin splice variants and isoforms.



Western Blot of Rabbit anti-Ovalbumin Peroxidase Conjugated Antibody.
Lane 1: Ovalbumin (Hen Egg). Load: 50 ng per lane. Primary antibody:
Rabbit anti-Ovalbumin Peroxidase Conjugated Antibody at 1:1,000
overnight at 4C. Secondary antibody: none Block for 30 min at RT.
Predicted/Observed size: 43 kDa, 43 kDa for Ovalbumin. Other band(s):
Ovalbumin splice variants and isoforms.



Publications

Jin H, Wu Y, Bi S et al. Higher immune response induced by vaccination in Houhai acupoint relates to the lymphatic drainage of the injection site Res Vet Sci 2020-04-01 [PMID: 32224352] (WB)

Wang J, Zhang Y, Wei J et al. Lewis X oligosaccharides targeting to DC-SIGN enhanced antigen-specific immune response Immunology 2007-06-01 [PMID: 17371544]

Details:

This citation used the HRP version of this antibody.



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Products Related to NB120-20546-0.1mg

NBP2-24891H	Rabbit IgG Isotype Control [HRP]
P5241	Ovalbumin Native Protein

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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