

# Product Datasheet

## Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody NB120-5738

Unit Size: 1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB120-5738****Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Multi-step
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

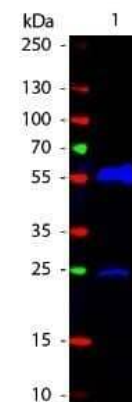
<b>Product Description</b>	
<b>Description</b>	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Armenian Hamster IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Armenian Hamster IgG and Armenian Hamster Serum</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
<b>Host</b>	Goat
<b>Species</b>	Armenian Hamster
<b>Specificity/Sensitivity</b>	Reactivity with Golden Syrian Hamster IgG is greatly reduced.
<b>Immunogen</b>	Armenian Hamster IgG whole molecule

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, ELISA, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation, Dot Blot, Chromatin Immunoprecipitation (ChIP)
<b>Application Notes</b>	This product has been tested by ELISA and is suitable for immunoprecipitation, immunodiffusion, conjugation and most immunological methods requiring lot-to-lot consistency, high titer and specificity.

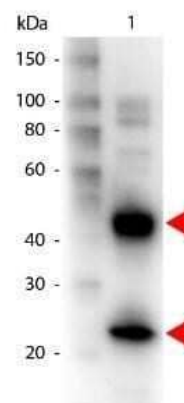


## Images

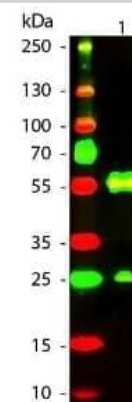
Western Blot: Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody [NB120-5738] - Western Blot: Goat anti-Armenian Hamster IgG Secondary Antibody [FITC] [NB120-5743] - Lane 1: Armenian Hamster IgG. Lane 2: none. Load: 50 ng per lane. Image using the FITC form of this antibody.



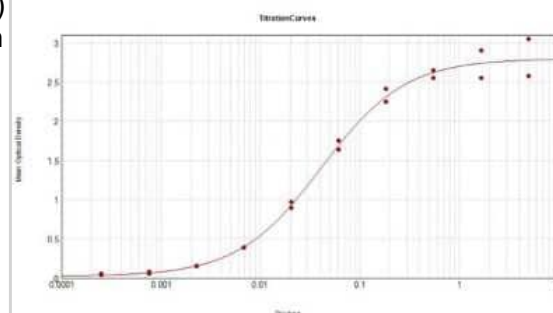
Western Blot: Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody [NB120-5738] - Lane 1: Armenian Hamster IgG. Lane 2: none. Load: 50 ug per lane. Primary antibody: Armenian Hamster IgG Biotin conjugated antibody at 1:1,000 for overnight at 4C. Secondary antibody: HRP Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Blocking buffer for 30 min at RT. Predicted/Observed size: 55 kDa, 28 kDa for Human IgG.



Western Blot: Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody [NB120-5738] - Western Blot: Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody [Texas Red] [NBP1-73458] - Lane 1: Armenian Hamster IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Texas Red goat secondary antibody at 1:1,000 for 60 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Armenian Hamster IgG. Other band(s): None.



ELISA: Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody [NB120-5738] - ELISA Results of Goat anti-Armenian Hamster IgG (H+L) Secondary antibody tested against purified Armenian Hamster IgG. Each well was coated in duplicate with 1.0 ug of Armenian Hamster IgG. The working dilution is 1:21,000. The starting dilution of antibody was 5ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using HRP Conjugate Substrate, Donkey Anti-Goat IgG HRP conjugated, and TMB substrate.



## Publications

Zhu X, Trimarco JD, Williams CA Et al. ZBTB7A promotes virus-host homeostasis during human coronavirus 229E infection Cell Rep 2022-10-15 [PMID: 36243002] (WB)

Details:

Citation using the HRP version of this antibody.



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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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