

# Product Datasheet

## Rabbit anti-Rat IgG (H+L) Secondary Antibody [HRP] (Pre- absorbed) NB7592

Unit Size: 1 mg

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

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### Publications: 1

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**NB7592**

Rabbit anti-Rat IgG (H+L) Secondary Antibody [HRP] (Pre-absorbed)

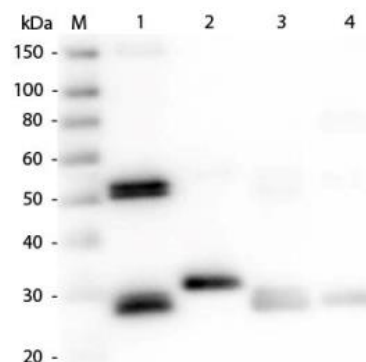
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Host	Rabbit
Gene Symbol	IGHG
Species	Rat
Specificity/Sensitivity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Rat IgG and Rat Serum.
Immunogen	Rat IgG whole molecule

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA 1:170000, Immunohistochemistry 1:500 - 1:2500, Immunohistochemistry-Paraffin 1:500 - 1:2500, Immunohistochemistry-Frozen 1:500 - 1:2500

**Images**

Western Blot: Rabbit anti-Rat IgG (H+L) Secondary Antibody [HRP] [NB7592] - Rabbit anti-Rat IgG Secondary Antibody [HRP] [NB7592] - Lane 1: Rat IgG whole molecule. Lane 2: Rat IgG F(c) Fragment. Lane 3: Rat IgG Fab Fragment. Lane 4: Rat IgM Whole Molecule. All samples were reduced. Load: 50 ng per lane. Block: incubated with blocking buffer for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (RABBIT) Antibody 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in incubated with blocking buffer for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F (c) migrates slightly higher.

**Publications**

Lee J, Marrero L, Yu L, et al. SDF-1alpha/CXCR4 signaling mediates digit tip regeneration promoted by BMP-2. Dev Biol 2013 Aug 2 [PMID: 23916851] (WB, Rat)



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NBP1-96814	Turkey IgG (H+L) Isotype Control [Rhodamine]
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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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