

Product Datasheet

Rabbit anti-Rat IgG (H+L) Secondary Antibody NBP2-60688

Unit Size: 2 mg

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

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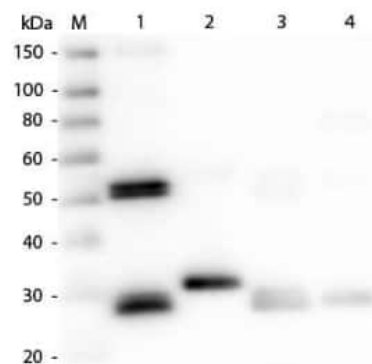


NBP2-60688**Rabbit anti-Rat IgG (H+L) Secondary Antibody**

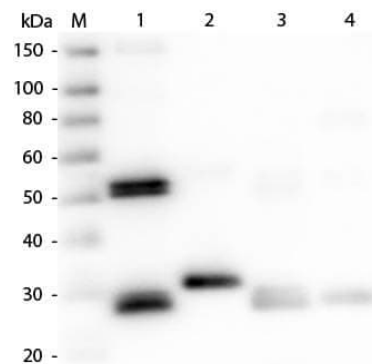
Product Information	
Unit Size	2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Rat IgG and Rat Serum. 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.
Host	Rabbit
Species	Rat
Immunogen	Rat IgG whole molecule
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:500-1:2500, Immunohistochemistry-Paraffin 1:500-1:2500
Application Notes	This product has been tested by ELISA, dot blot, and western blot and is suitable for use in immunohistochemistry. Specific conditions for reactivity should be optimized by the end user.

Images

Western Blot: Rabbit anti-Rat IgG (H+L) Secondary Antibody [NBP2-60688] - Western Blot of Rabbit anti-Rat IgG (H+L) Secondary antibody. Lane M: 3 ul Molecular Ladder. 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 for 30 min at RT. Primary Antibody: Rabbit anti-Rat IgG (H+L) Secondary antibody 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in 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.



Western Blot of Rabbit anti-Rat IgG (H+L) Secondary Antibody



Publications

Spencer NR, Radnaa E, Baljinnyam T Et al. Development of a mouse model of ascending infection and preterm birth PLoS One 2021-12-02 [PMID: 34855804] (IHC-P)

Details:

Citation using the DyLight 650 version of this antibody.

Lee J, Marrero L, Yu L et al. SDF-1 alpha/CXCR4 signaling mediates digit tip regeneration promoted by BMP-2 Dev Biol 2013-08-07 [PMID: 23916851] (WB)

Tripodi AAP, Randelovic I, Biri-Kovacs B et al. In Vivo Tumor Growth Inhibition and Antiangiogenic Effect of Cyclic NGR Peptide-Daunorubicin Conjugates Developed for Targeted Drug Delivery Pathol Oncol Res 2019-12-11 [PMID: 31820302] (IHC-P, IHC-P)



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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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