

# Product Datasheet

## Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed) NBP1-75398

Unit Size: 2 mg

Store at 4C. Do not freeze.

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**NBP1-75398**

Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)

<b>Product Information</b>	
<b>Unit Size</b>	2 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Description</b>	Purity > 95% based on SDS-PAGE. Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
<b>Host</b>	Goat
<b>Species</b>	Rat
<b>Reactivity Notes</b>	Based on IEP, no reactivity is observed to non-immunoglobulin rat serum proteins, IgG from human or mouse, and highly cross absorbed against mouse IgG
<b>Specificity/Sensitivity</b>	Based on IEP, this Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed) heavy gamma chains on rat IgG and light chains on all rat immunoglobulins. This antibody has been pre-adsorbed against human or mouse IgG (highly absorbed against mouse IgG)
<b>Immunogen</b>	This Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed) was developed against purified rat IgG (H&L).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Chemiluminescence Immunoassay, ELISA, Flow Cytometry, Immunoassay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunomicroscopy
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoassay, Immunomicroscopy 1:10 - 1:500, Chemiluminescence Immunoassay
<b>Application Notes</b>	This antibody is suitable for all immunoassay applications.

## Publications

Yang Y, Chen C, Zuo Q Et al. NARF is a hypoxia-induced coactivator for OCT4-mediated breast cancer stem cell specification Sci Adv 2022-12-09 [PMID: 36490339] (ICC/IF)

McKinney H. M, Sherer L. M, et al. Characterization of Drosophila octopamine receptor neuronal expression using MiMIC-converted Gal4 lines. J Comp Neurol 2020-09-01 [PMID: 32060912] (IF/IHC, Drosophila melanogaster)

### Details:

Citation using the Janiela Fluor 549 format of this antibody.

Tison K. V, McKinney H. M, et al. Demonstration of a Simple Epitope Tag Multimerization Strategy for Enhancing the Sensitivity of Protein Detection Using Drosophila vAChT. G3 (Bethesda) 2020-02-06 [PMID: 31767639] (ICC/IF, Drosophila melanogaster)

McKinney HM Investigation of Octopamine-glutamate Dual Transmission Neurons Thesis 2020-01-01





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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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