

# Product Datasheet

## DRG2 Antibody - BSA Free NBP1-89461

Unit Size: 0.1 ml

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

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### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-89461**

DRG2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See 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	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

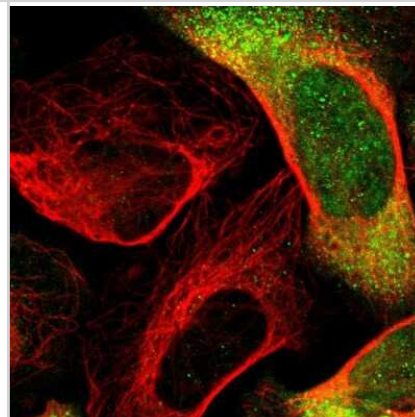
Product Description	
Description	Novus Biologicals Rabbit DRG2 Antibody - BSA Free (NBP1-89461) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-DRG2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1819
Gene Symbol	DRG2
Species	Human, Mouse
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261). Mouse reactivity reported in scientific literature (PMID:31861806).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YKIFNAEVLVFREDCSPDEFIDVIVGNRVYMPCLYVYNKIDQISMEEVDRLARKPN SVVISCGMKLNLDYLLEMLWEYLALTCIYTKKRGQRPDFDTDAIILRKGASVEHVC HRIHRSLASQFKYALVWGTSTKYSPQRVGLTHTMEHEDVI

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

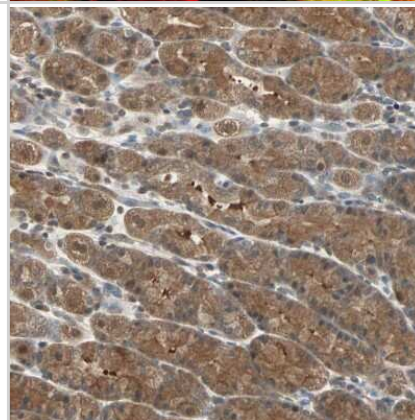


## Images

Immunocytochemistry/Immunofluorescence: DRG2 Antibody [NBP1-89461] - Staining of human cell line U-2 OS shows localization to nucleoplasm, cytosol & vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: DRG2 Antibody [NBP1-89461] - Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



## Publications

Lim HR, Vo MT, Kim DJ DRG2 Deficient Mice Exhibit Impaired Motor Behaviors with Reduced Striatal Dopamine Release Int J Mol Sci 2019-12-20 [PMID: 31861806] (IF/IHC, Mouse)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-89461**

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NBP1-89461PEP	DRG2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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