

# 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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**NBP1-89461**

DRG2 Antibody - BSA Free

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

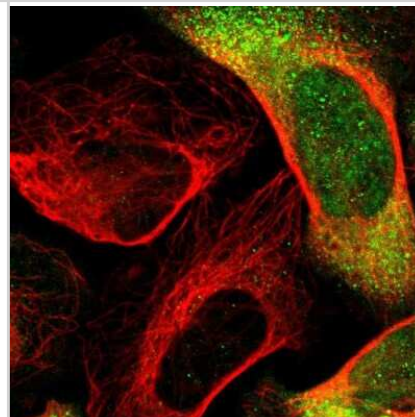
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	1819
<b>Gene Symbol</b>	DRG2
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 23435261). Mouse reactivity reported in scientific literature (PMID:31861806).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: YKIFNAEVLRFREDCSPDEFIDVIVGNRVYMPCLYVYNKIDQISMEEVDRLARKPN SVVISCGMKNLDYLLEMLWEYLALTCIYTKKRGQRPDFTDAILRKGASVEHVC HRIHRSLASQFKYALVWGTSTKYSPQRVGLTHTMEHEDVI

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

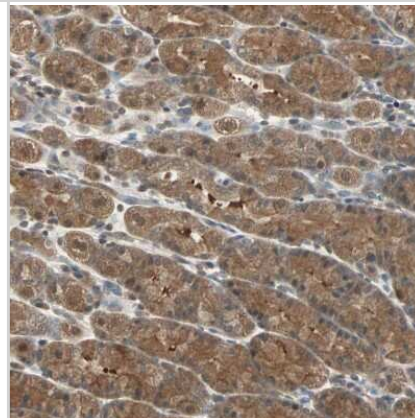


## Images

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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