

# Product Datasheet

## Secretagoin Antibody - BSA Free NBP3-05545-100ul

Unit Size: 100 ul

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

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**NBP3-05545-100ul**

Secretagogin Antibody - BSA Free

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	5mM Sodium Azide
<b>Purity</b>	Affinity purified
<b>Buffer</b>	50% PBS, 50% glycerol.
<b>Target Molecular Weight</b>	27 kDa

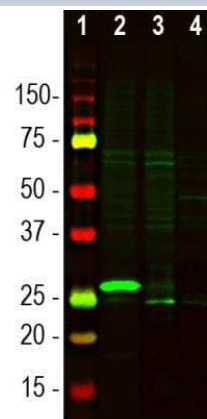
Product Description	
<b>Description</b>	Novus Biologicals Chicken Secretagogin Antibody - BSA Free (NBP3-05545) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Chicken
<b>Gene ID</b>	10590
<b>Gene Symbol</b>	SCGN
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Full-length recombinant human Secretagogin protein
<b>Notes</b>	Chicken products cannot be exported to Canada.

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-5000, Immunohistochemistry 1:1000-1:2000, Immunocytochemistry/ Immunofluorescence 1:1000-1:2000

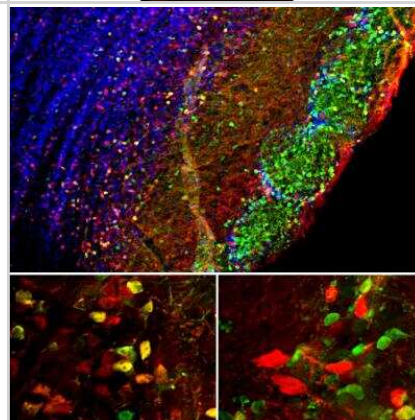


## Images

Western Blot: Secretagogin Antibody [NBP3-05545] - Western blot analysis of tissue lysates using Secretagogin Antibody at a dilution of 1:1,000 in green: [1] protein standard, [2] mouse olfactory bulb [3] rat cerebellum, and [4] cow cerebellum. The band at ~27kDa corresponds to the secretagogin protein. Secretagogin protein is highly expressed in the mouse olfactory bulb, but significantly less in the cerebellum.



Immunocytochemistry/Immunofluorescence: Secretagogin Antibody [NBP3-05545] - Immunofluorescent analysis of mouse brain olfactory bulb section stained with Secretagogin Antibody at a dilution of 1:1,000, in red, and costained with mouse mAb to calretinin at a dilution of 1:500 in green. The blue is Hoechst staining of nuclear DNA. Following transcatheter perfusion with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with the above antibodies. Secretagogin is highly expressed in the mitral and granular cell layers, while calretinin is in the glomerular layer. Cells that express Secretagogin or calretinin only are red or green respectively. A number of cells containing both proteins appears orange-yellow.





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### **Products Related to NBP3-05545-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NBP1-48595-0.05mg	Recombinant Human Secretagogin His Protein

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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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