

# Product Datasheet

## **CGRP1 Antibody (5) - BSA Free** **NBP3-00518-0.1mg**

Unit Size: 0.1 mg

Store at 4C in the dark.

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**NBP3-00518-0.1mg**

CGRP1 Antibody (5) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM Phosphate (pH 7.4) and 0.5M NaCl

**Product Description**

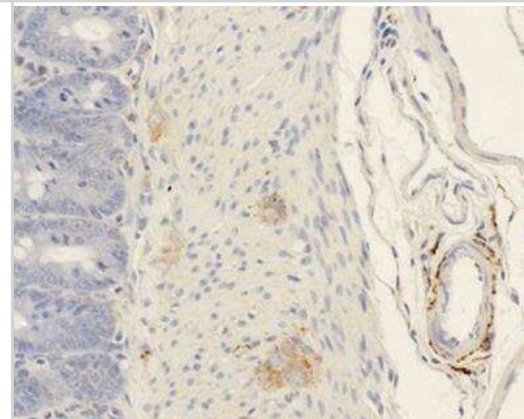
<b>Host</b>	Mouse
<b>Gene ID</b>	796
<b>Gene Symbol</b>	CALCA
<b>Species</b>	Human, Rat
<b>Specificity/Sensitivity</b>	Based on inhibition ELISA, CGRP Antibody (5) shows full cross-reactivity with rat alpha-CGRP and about 50% cross-reactivity with human beta-CGRP. There is no cross-reaction with human amylin.
<b>Immunogen</b>	Synthetic human alpha-CGRP

**Product Application Details**

<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	ELISA 1:2000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500
<b>Application Notes</b>	ELISA: NBP3-00518 binds free alpha-CGRP in solution. Based on inhibition ELISA, the affinity of NBP3-00518 is at least 24 times higher than that of NBP3-00519. NBP3-00518 (as capture antibody) forms a sandwich ELISA pair with NBP3-00519 (as biotinylated detection antibody) for measuring human $\alpha$ -CGRP, giving a detection limit of 0.13 nmol/L in an unoptimized buffer assay.

**Images**

Immunohistochemistry-Paraffin: CGRP Antibody (5) [NBP3-00518] - Paraffin embedded rat tissue stained with CGRP Antibody (5) diluted 1:400 in 1% BSA/PBS and incubated over night.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-00518-0.1mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

### **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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