

# Product Datasheet

## Calpastatin Antibody (2G11D6) NB120-3515

Unit Size: 100uL

Store at -20C. Avoid freeze-thaw cycles.

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**NB120-3515**

Calpastatin Antibody (2G11D6)

**Product Information**

<b>Unit Size</b>	100uL
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2G11D6
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites diluted with PBS

**Product Description**

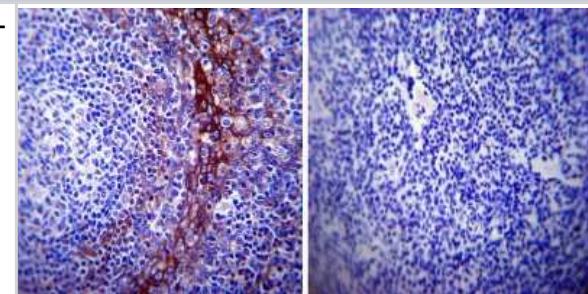
<b>Host</b>	Mouse
<b>Gene ID</b>	831
<b>Gene Symbol</b>	CAST
<b>Species</b>	Human, Rat, Porcine, Bovine, Canine, Fish, Rabbit
<b>Reactivity Notes</b>	Fish reactivity reported in scientific literature (PMID: 17276714).
<b>Specificity/Sensitivity</b>	detects Calpastatin. This does not cross-react with calpains or calmodulin.
<b>Immunogen</b>	Bovine skeletal muscle calpastatin.

**Product Application Details**

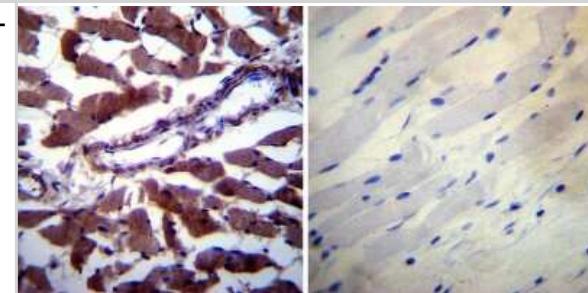
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunocytochemistry
<b>Recommended Dilutions</b>	Western Blot 1:5000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunohistochemistry-Frozen 1:200 - 1000, Immunocytochemistry 1:1000
<b>Application Notes</b>	WB: Detects an approx. 150, 125, 90 and 70 kDa proteins which have been suggested to be proteins translated from different start sites of the calpastatin gene. IF: Staining of calpastatin in porcine LLC-PK1 cells results in diffuse cytoplasmic staining and weak nuclear staining.

## Images

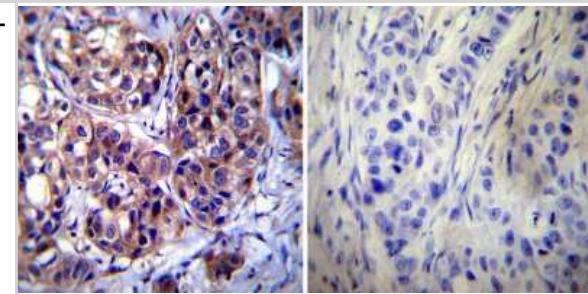
Immunohistochemistry-Paraffin: Calpastatin Antibody (2G11D6) [NB120-3515] - Normal biopsies of deparaffinized Human tonsil tissue.



Immunohistochemistry-Paraffin: Calpastatin Antibody (2G11D6) [NB120-3515] - Biopsies of deparaffinized Human skeletal muscle tissue.



Immunohistochemistry-Paraffin: Calpastatin Antibody (2G11D6) [NB120-3515] - Cancer biopsies of deparaffinized Human breast carcinoma tissue.





### **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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **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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