

# Product Datasheet

## Calcium-binding-protein-P22 Antibody - BSA Free NBP1-33736

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-33736](http://www.novusbio.com/NBP1-33736)

Updated 9/25/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-33736](http://www.novusbio.com/reviews/destination/NBP1-33736)



**NBP1-33736**

Calcium-binding-protein-P22 Antibody - BSA Free

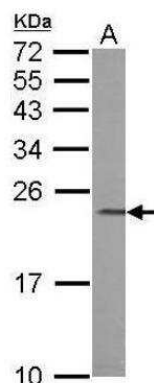
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris, 0.1M Glycine, 20% Glycerol
<b>Target Molecular Weight</b>	22 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Calcium-binding-protein-P22 Antibody - BSA Free (NBP1-33736) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Calcium-binding-protein-P22 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	11261
<b>Gene Symbol</b>	CHP1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Zebrafish (86%), Xenopus laevis (90%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Calcium-binding-protein-P22. The exact sequence is proprietary.

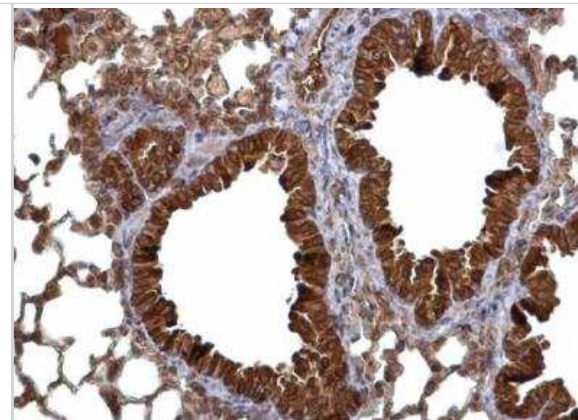
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin 1:100-1:1000
<b>Application Notes</b>	IP-Assay dependent

**Images**

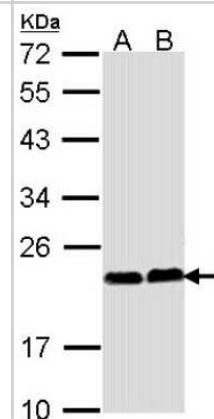
Western Blot: Calcium-binding-protein-P22 Antibody [NBP1-33736] - A.  
50 ug mouse liver lysate/extract 12 % SDS-PAGE



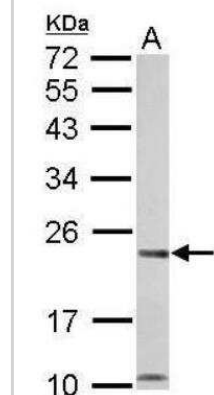
Immunohistochemistry-Paraffin: Mouse lung. Calcium binding protein P22 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



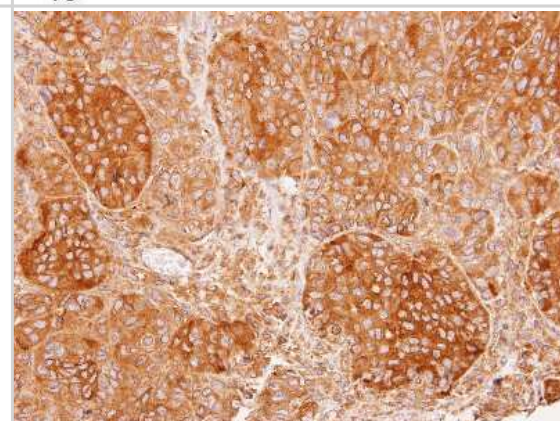
Western Blot: Calcium-binding-protein-P22 Antibody [NBP1-33736] - Sample (30 ug of whole cell lysate) A: Hela B: Hep G2 12% SDS PAGE; antibody diluted at 1:1000.



Western Blot: Calcium-binding-protein-P22 Antibody [NBP1-33736] - A. 50 ug rat liver lysate/extract 12 % SDS-PAGE



Immunohistochemistry-Paraffin: SW480 xenograft, using Calcium binding protein P22 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

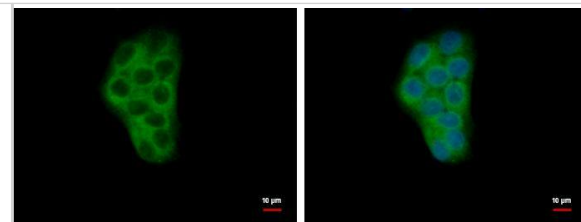


Calcium binding protein P22 antibody detects Calcium binding protein P22 protein at cytoplasm by immunofluorescent analysis.

Sample: HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Calcium binding protein P22 protein stained by Calcium binding protein P22 antibody (NBP1-33736) diluted at 1:500.

Blue: Hoechst 33342 staining.



## Publications

Kim BS, Lee K, Jung HJ et al. HIF-1alpha suppressing small molecule, LW6, inhibits cancer cell growth by binding to calcineurin b homologous protein 1 Biochem. Biophys. Res. Commun. 2015-02-27 [PMID: 25603055] (WB, ICC/IF, Human)

Details:

Calcium-binding-protein-P22 Protein also? NBP1-45262



### **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 NBP1-33736**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-33736](http://www.novusbio.com/reviews/submit/NBP1-33736)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

