

# Product Datasheet

## 14-3-3 Antibody - BSA Free

### NBP2-27202

Unit Size: 0.1 mg

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

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**NBP2-27202**

14-3-3 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

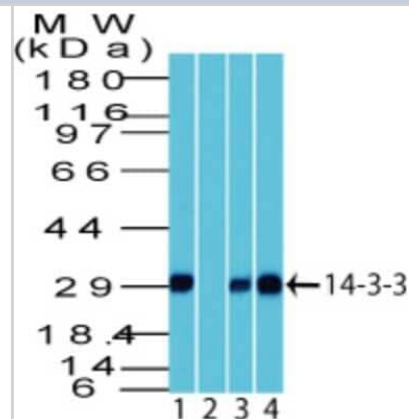
Product Description	
Host	Rabbit
Gene ID	10971
Gene Symbol	YWHAQ
Species	Human, Mouse, Rat, Porcine, Canine, Chicken, Chinese Hamster, Feline, Opossum, Primate
Reactivity Notes	The amino acid sequence used as immunogen for this antibody is 100% homologous in Frog, Crab-eating Macaque.
Immunogen	A portion of amino acids 125-175 from human 14-3-3 was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 2-4ug/ml, Simple Western 1:50, Immunocytochemistry/ Immunofluorescence 2-5 ug/ml
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in Human Brain lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:50, apparent MW was 33 kDa.

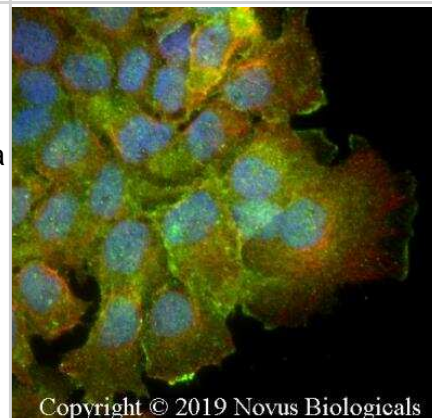


## Images

Western Blot: 14-3-3 Antibody [NBP2-27202] - analysis of 14-3-3 using 14-3-3 antibody. Human Brain tissue lysate in the 1) absence and 2) presence of immunizing peptide, 3) mouse brain, and 4) rat brain lysate probed with 2 ug/ml of 14-3-3 antibody. I goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



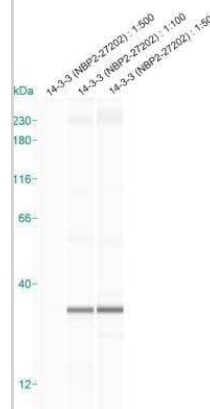
Immunocytochemistry/Immunofluorescence: 14-3-3 Antibody [NBP2-27202] - A431 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-14-3-3 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Simple Western: 14-3-3 Antibody [NBP2-27202] - Simple Western lane view shows a specific band for 14-3-3 Gamma in 0.5 mg/ml of Human Brain lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: 14-3-3 Antibody [NBP2-27202] - Analysis in mouse brain lysate. Image from verified customer review.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
7954-GM-010/CF	GM-CSF [Unconjugated]

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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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