

# Product Datasheet

## beta-Actin Antibody (4C4) NBP3-16886

Unit Size: 100 ul

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

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**NBP3-16886**

beta-Actin Antibody (4C4)

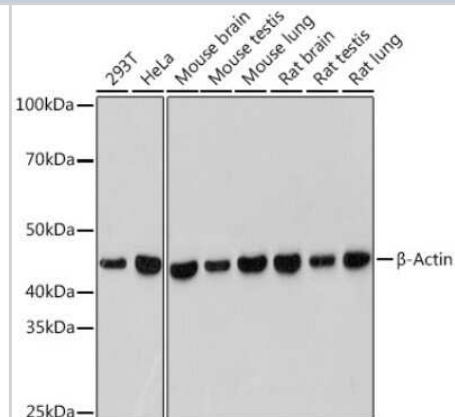
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C4
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3
Target Molecular Weight	42 kDa

Product Description	
Host	Rabbit
Gene ID	60
Gene Symbol	ACTB
Species	Human, Mouse, Rat, Porcine, Chicken, Zebrafish
Immunogen	Recombinant protein of human beta-Actin.

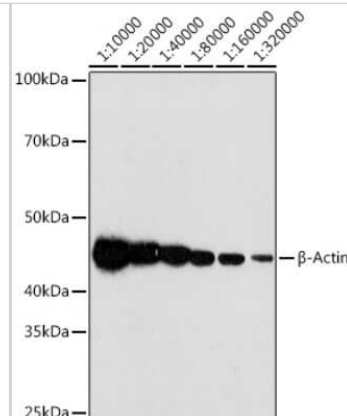
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:10000 -1:100000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:500 - 1:5000, Immunohistochemistry-Paraffin 1:500 - 1:5000

**Images**

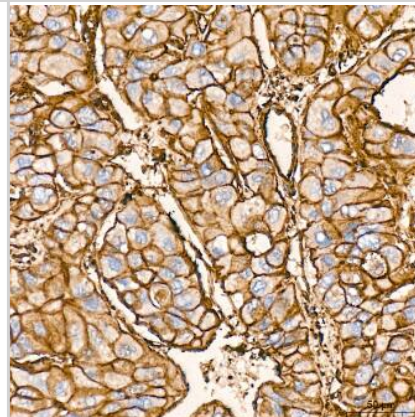
Western Blot: beta-Actin Antibody (4C4) [NBP3-16886] - Analysis of extracts of various cell lines, using beta-Actin antibody (NBP3-16886) at 1:50000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



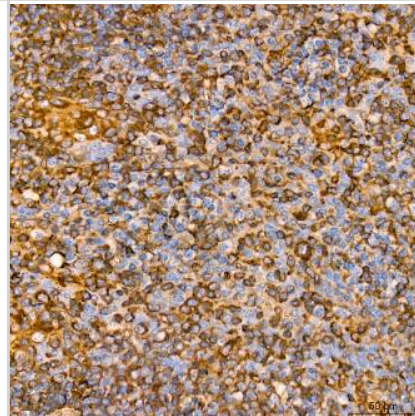
Western Blot: beta-Actin Antibody (4C4) [NBP3-16886] - Analysis of extracts of HeLa cells, using beta-Actin antibody (NBP3-16886) at 1:10000-1:320000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



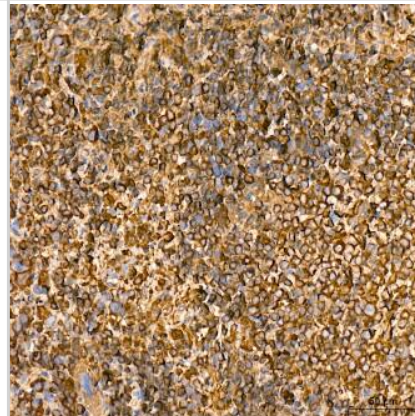
Immunohistochemistry-Paraffin: beta-Actin Antibody (4C4) [NBP3-16886] - Human liver cancer tissue using  $\beta$ -Actin Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: beta-Actin Antibody (4C4) [NBP3-16886] -Human tonsil tissue using  $\beta$ -Actin Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: beta-Actin Antibody (4C4) [NBP3-16886] -Mouse spleen tissue using  $\beta$ -Actin Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.





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### **Products Related to NBP3-16886**

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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
NB600-503PEP	beta-Actin Antibody Blocking Peptide

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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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