

# Product Datasheet

## 14-3-3 epsilon Antibody - Azide and BSA Free NBP2-99633-100ul

Unit Size: 100 ul

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

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Updated 2/26/2025 v.20.1

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**NBP2-99633-100ul**

14-3-3 epsilon Antibody - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen and protein A Affinity-purified
<b>Buffer</b>	0.2 um filtered solution in PBS

<b>Product Description</b>	
<b>Description</b>	This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7531
<b>Gene Symbol</b>	YWHAE
<b>Species</b>	Human
<b>Immunogen</b>	Produced in rabbits immunized with purified, recombinant Human 14-3-3 epsilon (Accession#: NP_006752.1; Met1-Gln255).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA 1:5000-1:10000, Immunocytochemistry/ Immunofluorescence 1:300-1:10000, Immunoprecipitation 1-4 uL/mg of lysate

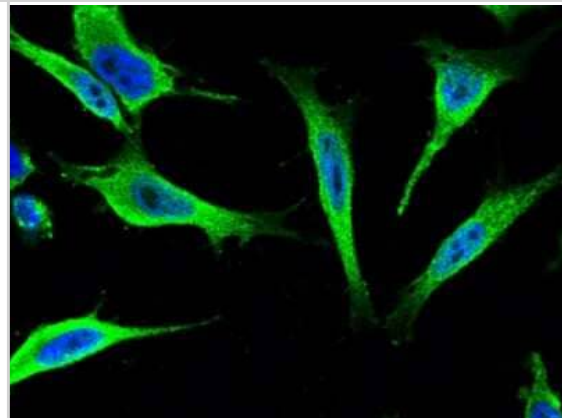


## Images

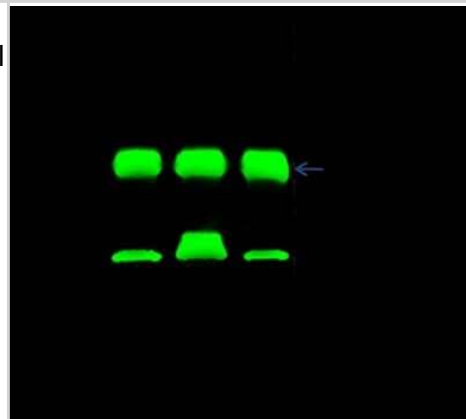
Western Blot: 14-3-3 epsilon Antibody [NBP2-99633] - Anti-14-3-3 epsilon rabbit polyclonal antibody at 1:500 dilution. Lane A: HepG2 Whole Cell Lysate. Lane B: Jurkat Whole Cell Lysate. Lane C: SHSY5Y Whole Cell Lysate. Lane D: SW480 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 29 kDa. Observed band size: 32 kDa (We are unsure as to the identity of these extra bands).



Immunocytochemistry/Immunofluorescence: 14-3-3 epsilon Antibody [NBP2-99633] - Immunofluorescence staining of 14-3-3 epsilon in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human 14-3-3 epsilon polyclonal antibody (1:1000) at 4C overnight. Then cells were stained with the Alexa Fluor(R)488-conjugated Goat Anti-rabbit IgG Secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



Immunoprecipitation: 14-3-3 epsilon Antibody [NBP2-99633] - 14-3-3 epsilon was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate. Lane B: 0.5 mg HepG2 Whole Cell Lysate. Lane C: 0.5 mg SH-SY5Y Whole Cell Lysate. 4 ul anti-14-3-3 epsilon rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-14-3-3 epsilon rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 29 kDa. Observed band size: 34 kDa





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### **Products Related to NBP2-99633-100ul**

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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
NBP2-59654-20ug	Recombinant Human 14-3-3 epsilon His Protein

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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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