

# Product Datasheet

## AMPK alpha 2 [p Thr172] Antibody (4F4) - BSA Free NBP3-26400-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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Updated 2/24/2026 v.20.1

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**NBP3-26400-100ul**

AMPK alpha 2 [p Thr172] Antibody (4F4) - BSA Free

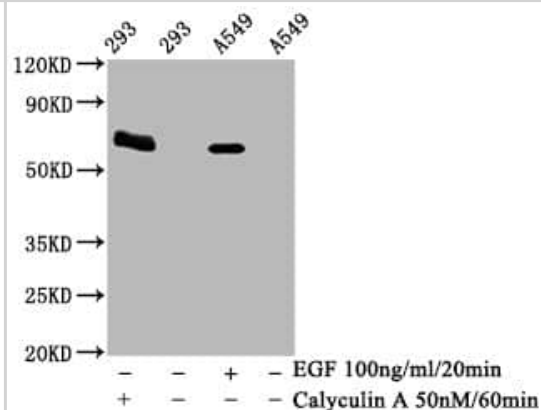
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4F4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit AMPK alpha 2 [p Thr172] Antibody (4F4) - BSA Free (NBP3-26400) is a recombinant monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5563
<b>Gene Symbol</b>	PRKAA2
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human AMPK alpha 2 [p Thr172] [UniProt P54646]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, ELISA, Immunocytochemistry/ Immunofluorescence 1:20-1:200



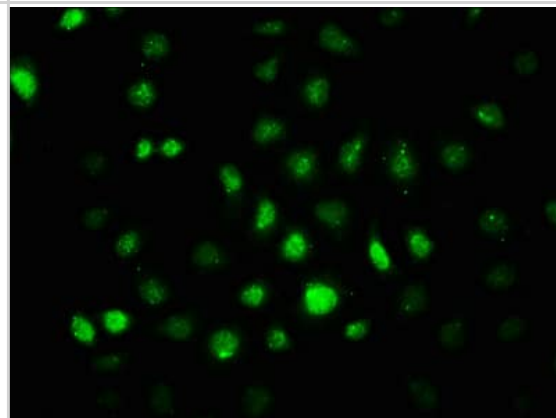
## Images

Western Blot: AMPK alpha 2 [p Thr172] Antibody (4F4) [NBP3-26400] - Positive Western Blot detected in 293 whole cell lysate A549 whole cell lysate (treated with Calyculin A or EGF).

All lanes: AMPK alpha 2 [p Thr172] Antibody at 1.95ug/ml.  
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.  
 Predicted band size: 62 KDa  
 Observed band size: 62 KDa



Immunocytochemistry/Immunofluorescence: AMPK alpha 2 [p Thr172] Antibody (4F4) [NBP3-26400] - Staining of A549 cells with AMPK alpha 2 [p Thr172] Antibody (4F4) at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).





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### **Products Related to NBP3-26400-100ul**

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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

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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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