

# Product Datasheet

## Tetraspanin-4 Antibody - Azide and BSA Free NBP2-93365-0.1ml

Unit Size: 0.1 ml

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

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



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**NBP2-93365-0.1ml**

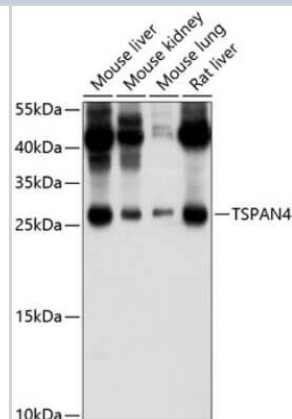
Tetraspanin-4 Antibody - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	26 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Tetraspanin-4 Antibody - Azide and BSA Free (NBP2-93365) is a polyclonal antibody validated for use in WB and ELISA. Anti-Tetraspanin-4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7106
<b>Gene Symbol</b>	TSPAN4
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 100-200 of human Tetraspanin-4 (NP_003262.1). IAILFFAYTDKIDRYAQQDLKKGLHLYGTQGNVGLTNAWSIIQTDFRCCGVSNYT DWFVYNATRVPDSCCLEFSESCGLHAPGTWWKAPCYETVKVWLQE
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:5000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

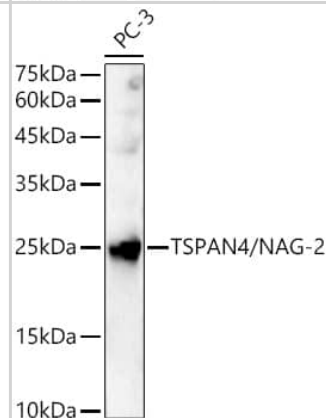


## Images

Western Blot: Tetraspanin-4 Antibody [NBP2-93365] - Analysis of extracts of various cell lines, using Tetraspanin-4 at 1:1000 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: 15s.



Western blot analysis of PC-3, using Tetraspanin-4 antibody at 1:2000 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 (RM00020). Exposure time: 60s.



## Publications

Tatsuro Egawa, Takeshi Ogawa, Takumi Yokokawa, Kohei Kido, Ryota Iyama, Haiyu Zhao, Eriko Kurogi, Katsumasa Goto, Tatsuya Hayashi Glycative stress inhibits hypertrophy and impairs cell membrane integrity in overloaded mouse skeletal muscle. *Journal of cachexia, sarcopenia and muscle* 2024-04-04 [PMID: 38575520]



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### **Products Related to NBP2-93365-0.1ml**

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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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