

# Product Datasheet

## MuSK Antibody (PSH02-29)

### NBP3-32619

Unit Size: 100 ul

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

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**NBP3-32619**

MuSK Antibody (PSH02-29)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-29
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	97 kDa
Product Description	
Host	Rabbit
Gene ID	4593
Gene Symbol	MUSK
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human MuSK aa 1-516 / 869. (Uniprot: O15146)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200



## Images

Western Blot: MuSK Antibody (PSH02-29) [NBP3-32619] - Western blot analysis of MuSK on different lysates with Rabbit anti-MuSK antibody (NBP3-32619) at 1/1,000 dilution.

Lane 1: Human brain tissue lysate  
 Lane 2: Mouse brain tissue lysate  
 Lane 3: Mouse hippocampus tissue lysate  
 Lane 4: Rat brain tissue lysate  
 Lane 5: Rat hippocampus tissue lysate

Lysates/proteins at 30 ug/Lane.

Predicted band size: 97 kDa  
 Observed band size: 100 kDa

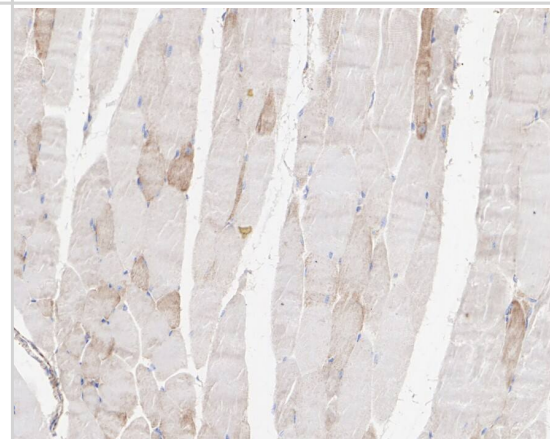
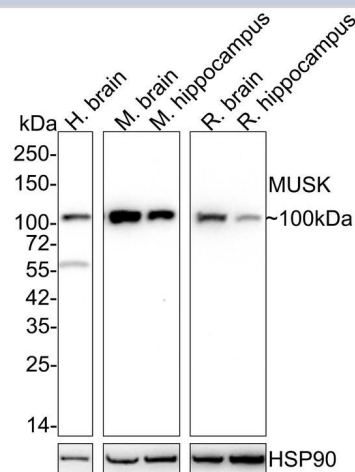
Exposure time: 3 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32619) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: MuSK Antibody (PSH02-29) [NBP3-32619] - Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue with Rabbit anti-MuSK antibody (NBP3-32619) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32619) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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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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