

# Product Datasheet

## IRAK4 Antibody (JE41-77) NBP3-32482

Unit Size: 100 ul

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

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**NBP3-32482****IRAK4 Antibody (JE41-77)**

| <b>Product Information</b>     |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 100 ul   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal   |
| <b>Clone</b>                   | JE41-77  |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Protein A purified   |
| <b>Buffer</b>                  | 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol  |
| <b>Target Molecular Weight</b> | 52 kDa   |

| <b>Product Description</b> |  |
|----------------------------|--|
| <b>Description</b>         | Novus Biologicals Rabbit IRAK4 Antibody (JE41-77) (NBP3-32482) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit   |
| <b>Gene ID</b>             | 51135  |
| <b>Gene Symbol</b>         | IRAK4  |
| <b>Species</b>             | Human  |
| <b>Immunogen</b>           | Synthetic peptide within Human IRAK4 aa 1-100 (N terminal). (Uniprot: Q9NWZ3)  |

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry               |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000 |



## Images

Western Blot: IRAK4 Antibody (JE41-77) [NBP3-32482] - Western blot analysis of IRAK4 on different lysates with Rabbit anti-IRAK4 antibody (NBP3-32482) at 1/1,000 dilution.

Lane 1: Jurkat cell lysate  
Lane 2: K-562 cell lysate  
Lane 3: THP-1 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 52 kDa  
Observed band size: 52 kDa

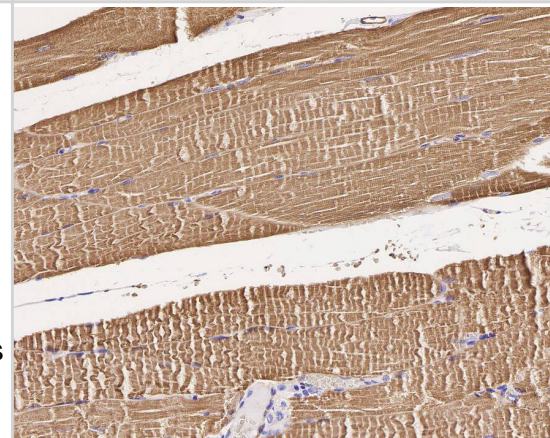
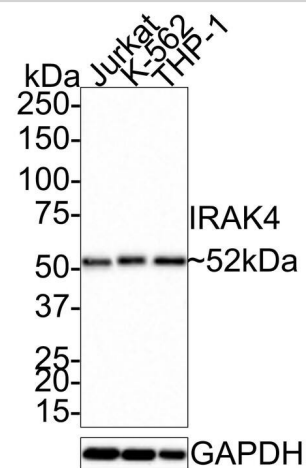
Exposure time: 22 seconds;

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 (NBP3-32482) at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: IRAK4 Antibody (JE41-77) [NBP3-32482] - Immunohistochemical analysis of paraffin-embedded human striated muscle tissue with Rabbit anti-IRAK4 antibody (NBP3-32482) at 1/1,000 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 (NBP3-32482) at 1/1,000 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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### **Products Related to NBP3-32482**

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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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