

# Product Datasheet

## IGF2BP3 Antibody (JE34-04)

### NBP3-32471

Unit Size: 100 ul

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

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**NBP3-32471**

IGF2BP3 Antibody (JE34-04)

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	JE34-04
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	64 kDa
Product Description	
Host	Rabbit
Gene ID	10643
Gene Symbol	IGF2BP3
Species	Human
Immunogen	Recombinant protein within Human IGF2BP3 aa 1-250 / 579. (Uniprot: O00425)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200



## Images

**Western Blot: IGF2BP3 Antibody (JE34-04) [NBP3-32471]** - Western blot analysis of IGF2BP3 on different lysates with Rabbit anti-IGF2BP3 antibody (NBP3-32471) at 1/1,000 dilution.

Lane 1: HeLa cell lysate  
Lane 2: HEK-293 cell lysate  
Lane 3: Jurkat cell lysate  
Lane 4: MDA-MB-231 cell lysate  
Lane 5: K-562 cell lysate

Lysates/proteins at 30 ug/Lane.

Predicted band size: 64 kDa  
Observed band size: 70 kDa

Exposure time: 35 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 (NBP3-32471) 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.

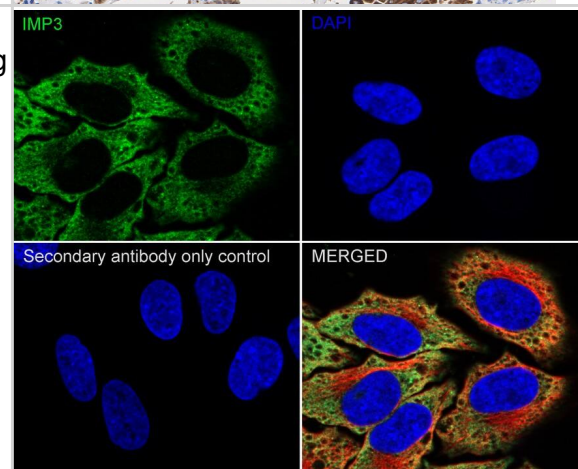
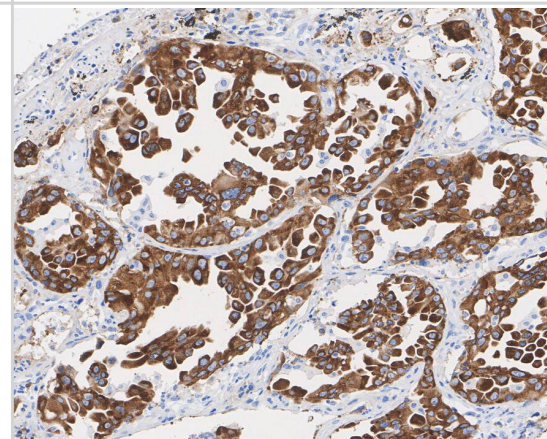
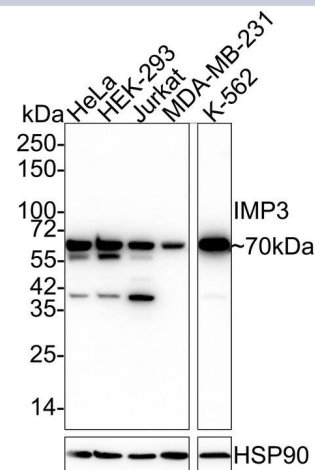
**Immunohistochemistry: IGF2BP3 Antibody (JE34-04) [NBP3-32471]** - Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma tissue with Rabbit anti-IGF2BP3 antibody (NBP3-32471) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 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 (NBP3-32471) 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.

**Immunocytochemistry/ Immunofluorescence: IGF2BP3 Antibody (JE34-04) [NBP3-32471]** - Immunocytochemistry analysis of HeLa cells labeling IGF2BP3 with Rabbit anti-IGF2BP3 antibody (NBP3-32471) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-IGF2BP3 antibody (NBP3-32471) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-32471**

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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
NBP1-84339PEP	IGF2BP3 Recombinant Protein Antigen

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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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