

# Product Datasheet

## TNPO3 Antibody (0U3Q1)

### NBP3-15908-100ul

Unit Size: 100 ul

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

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Updated 2/13/2025 v.20.1

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**NBP3-15908-100ul**

TNPO3 Antibody (0U3Q1)

**Product Information**

<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 -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	0U3Q1
<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, 0.05% BSA
<b>Target Molecular Weight</b>	104 kDa

**Product Description**

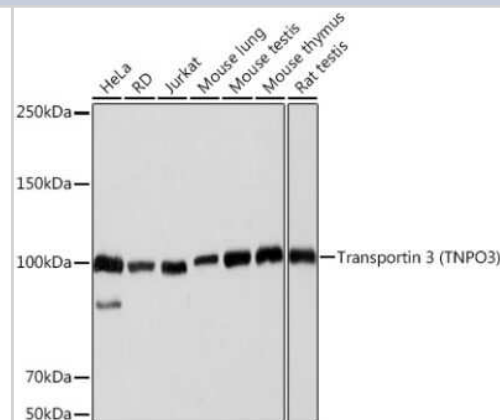
<b>Host</b>	Rabbit
<b>Gene ID</b>	23534
<b>Gene Symbol</b>	TNPO3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 824-923 of human Transportin 3 (TNPO3) (Q9Y5L0). QVMNQLGQQLVSQLLHTCCFCLPPYTLPDVAEVLWEIMQVDRPTFCRWLENS LKGLPKETTVGAVTVTHKQLTDFHKQVTSAAECKQVCWALRDFTRLFR

**Product Application Details**

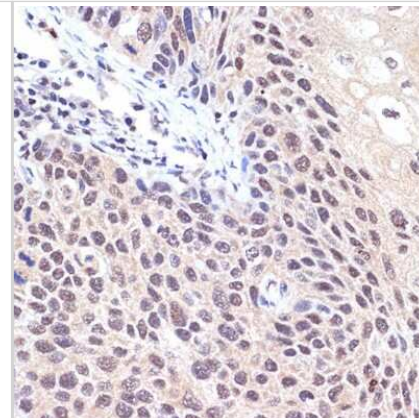
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

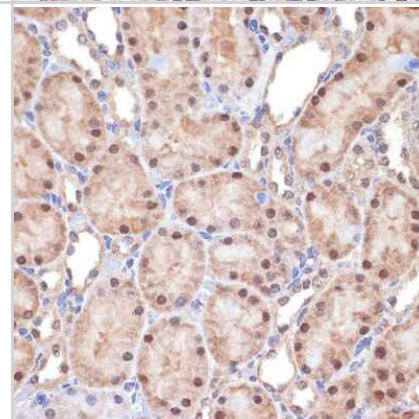
Western Blot: TNPO3 Antibody (0U3Q1) [NBP3-15908] - Western blot analysis of extracts of various cell lines, using Transportin 3 (TNPO3) Rabbit mAb (NBP3-15908) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



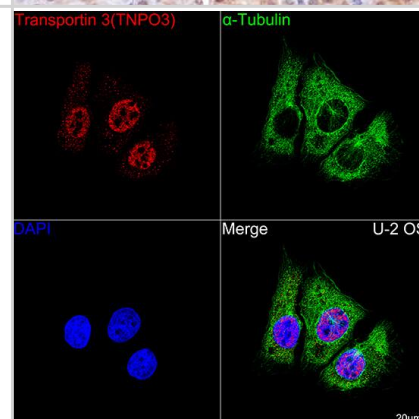
**Immunohistochemistry-Paraffin: TNPO3 Antibody (0U3Q1) [NBP3-15908]** - Immunohistochemistry of paraffin-embedded human esophageal cancer using Transportin 3 (TNPO3) Rabbit mAb (NBP3-15908) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



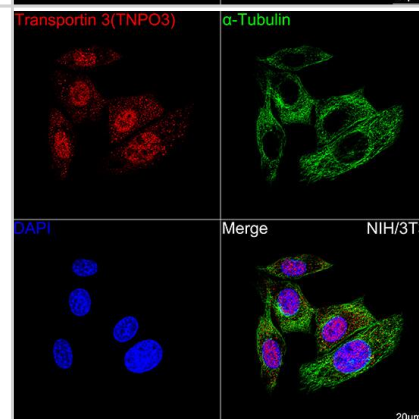
**Immunohistochemistry-Paraffin: TNPO3 Antibody (0U3Q1) [NBP3-15908]** - Immunohistochemistry of paraffin-embedded rat kidney using Transportin 3 (TNPO3) Rabbit mAb (NBP3-15908) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



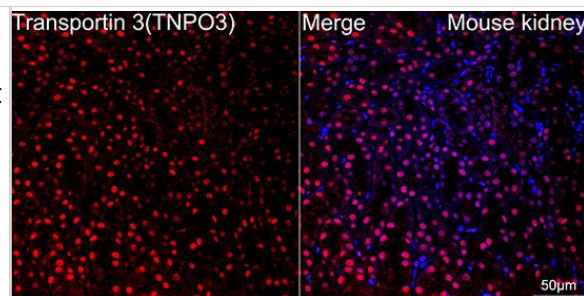
**Immunocytochemistry/ Immunofluorescence: TNPO3 Antibody (0U3Q1) [TNPO3]** - Confocal imaging of U-2 OS cells using TNPO3 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



**Immunocytochemistry/ Immunofluorescence: TNPO3 Antibody (0U3Q1) [TNPO3]** - Confocal imaging of NIH/3T3 cells using TNPO3 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: TNPO3 Antibody (0U3Q1) [TNPO3] - Confocal imaging of paraffin-embedded Mouse kidney tissue using TNPO3 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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### **Products Related to NBP3-15908-100ul**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00023534-P01-10ug	Recombinant Human TNPO3 GST (N-Term) Protein

### **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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