

# Product Datasheet

## TTF-1 / NKX2-1 Antibody (CL14531) - BSA Free NBP3-26862-100ul

Unit Size: 100 ul

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

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**NBP3-26862-100ul**

TTF-1 / NKX2-1 Antibody (CL14531) - BSA Free

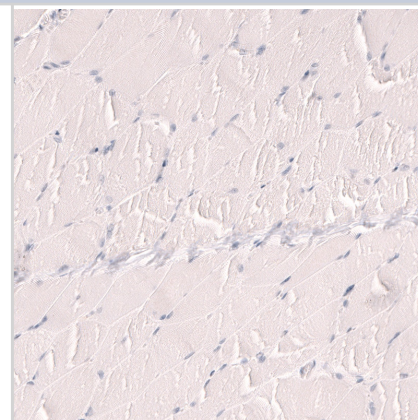
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14531
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse TTF-1/ NKX2-1 Antibody (CL14531) - BSA Free (NBP3-26862) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7080
Gene Symbol	NKX2-1
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P43699, with the exact immunogen sequence remaining proprietary.

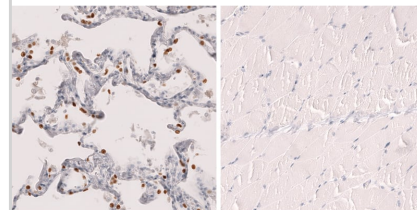
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Staining of human skeletal muscle shows no positivity in myocytes as expected.

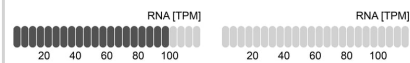


Analysis in human lung and skeletal muscle tissues. Corresponding RNA-seq data are presented for the same tissues.

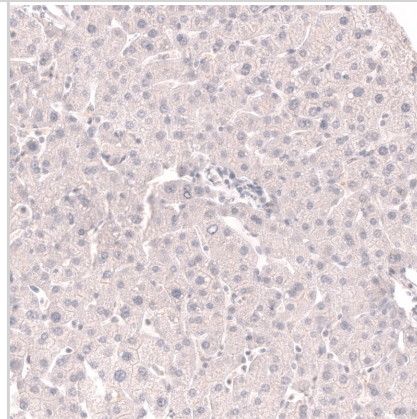


NKX2-1 in Lung

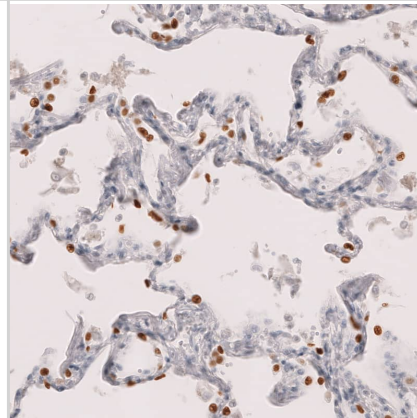
NKX2-1 in Skeletal muscle



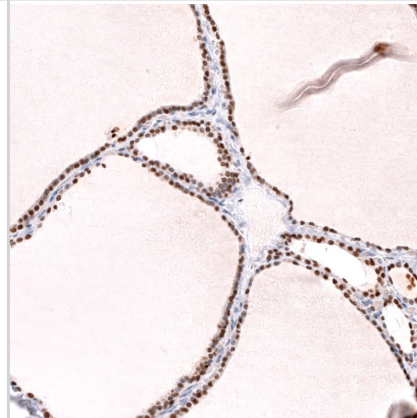
Staining of human liver shows no positivity in hepatocytes as expected.



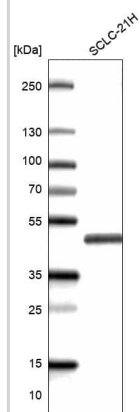
Staining of human lung shows strong nuclear positivity in a subset of pneumocytes.



Staining of human thyroid gland shows strong nuclear positivity in glandular cells.



Western blot analysis in human cell line SCLC-21H.





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### **Products Related to NBP3-26862-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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