

# Product Datasheet

## KLF4 Antibody (CL5782) - BSA Free NBP2-61426

Unit Size: 100 ul

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

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**NBP2-61426**

KLF4 Antibody (CL5782) - BSA Free

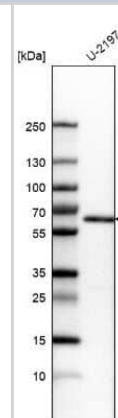
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL5782
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse KLF4 Antibody (CL5782) - BSA Free (NBP2-61426) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9314
Gene Symbol	KLF4
Species	Human
Reactivity Notes	Mouse, Rat (89%).
Immunogen	This antibody was developed using a synthetic peptide derived from O43474, with the exact immunogen sequence remaining proprietary.

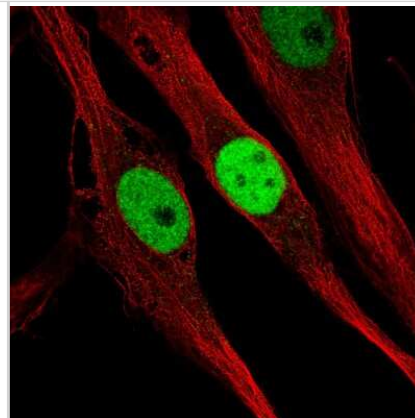
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: PFA/Triton X-100

**Images**

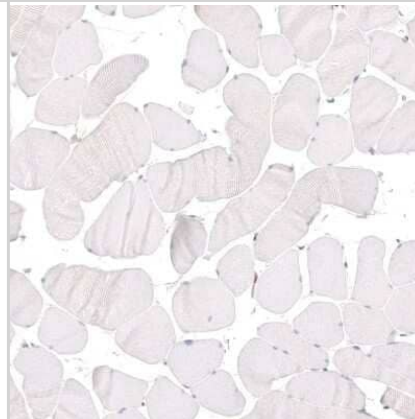
Western Blot: KLF4 Antibody (CL5782) [NBP2-61426] - Analysis in human cell line U-2197.



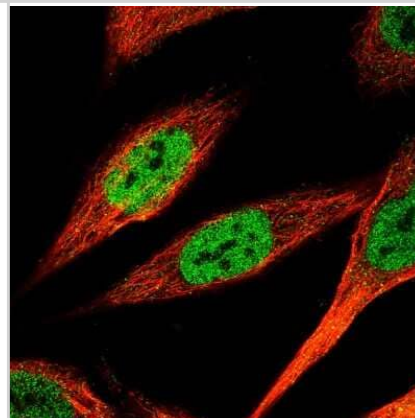
Immunocytochemistry/Immunofluorescence: KLF4 Antibody (CL5782) [NBP2-61426] - Staining of U-2197 cells using the Anti-KLF4 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



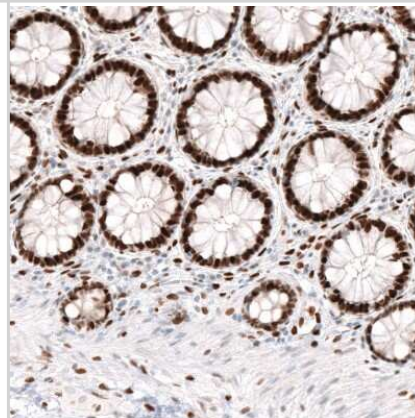
Immunohistochemistry-Paraffin: KLF4 Antibody (CL5782) [NBP2-61426] - Staining of human skeletal muscle shows absence of positivity in striated muscle fibers as expected (negative control).



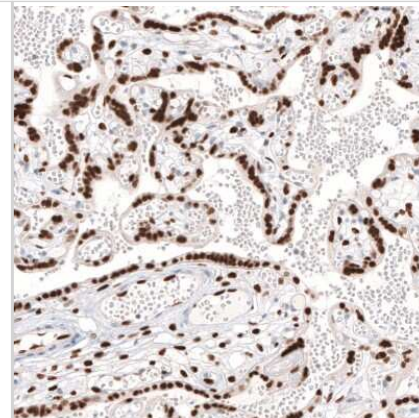
Immunocytochemistry/Immunofluorescence: KLF4 Antibody (CL5782) [NBP2-61426] - Staining of PC-3 cells using the Anti-KLF4 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



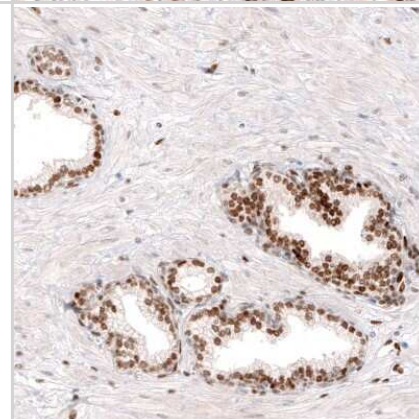
Immunohistochemistry-Paraffin: KLF4 Antibody (CL5782) [NBP2-61426] - Staining of human rectum shows strong nuclear immunoreactivity in glandular cells.



Immunohistochemistry-Paraffin: KLF4 Antibody (CL5782) [NBP2-61426]  
- Staining of human placenta shows nuclear positivity in the trophoblast.



Immunohistochemistry-Paraffin: KLF4 Antibody (CL5782) [NBP2-61426]  
- Staining of human prostate shows nuclear immunoreactivity in glandular cells.





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### **Products Related to NBP2-61426**

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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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