

# Product Datasheet

## Peflin Antibody - BSA Free NBP1-31613

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-31613**

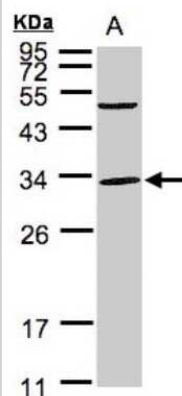
Peflin Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
<b>Target Molecular Weight</b>	30 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	553115
<b>Gene Symbol</b>	PEF1
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Peflin. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockdown Validated

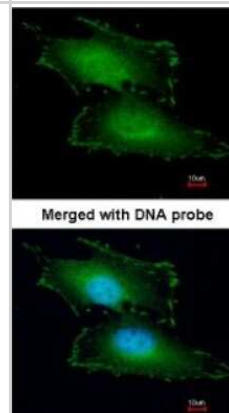


## Images

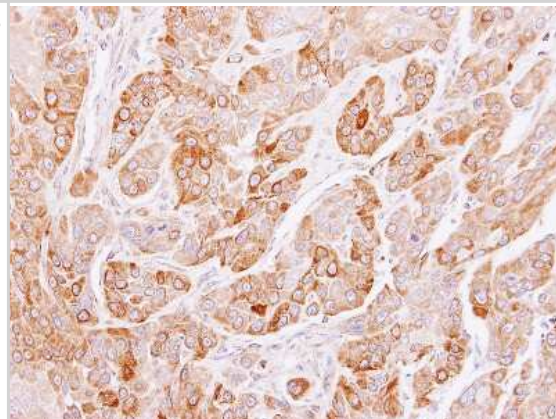
Western Blot: Peflin Antibody [NBP1-31613] - Sample(30 ug whole cell lysate)A:293T 12% SDS PAGE, antibody diluted at 1:1000.



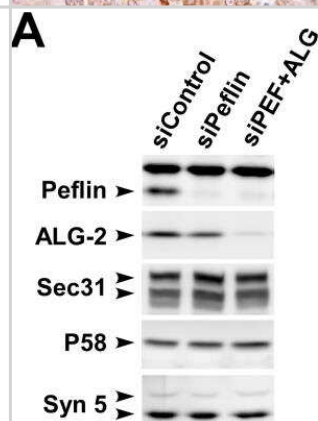
Immunocytochemistry/Immunofluorescence: Peflin Antibody [NBP1-31613] - Paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.



Immunohistochemistry-Paraffin: Peflin Antibody [NBP1-31613] - Paraffin-embedded SCC4 xenograft, using antibody at 1:100 dilution.



Western Blot: Peflin Antibody [NBP1-31613] - Demonstration of knockdown efficiencies and lack of Golgi disruption.(A) NRK cell lysates from the experiments documented in Fig 1 were immunoblotted to detect the Peflin indicated along the left edge of the image blocks. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/27276012>) licensed under a CC-BY license.



## Publications

Rayl M, Truitt M, Held A et al. Penta-EF-Hand Protein Peflin Is a Negative Regulator of ER-To-Golgi Transport. PLoS One 2016-06-08 [PMID: 27276012] (WB)



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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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