

# Product Datasheet

## PEG10 Antibody - BSA Free NBP2-13749

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 3

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Updated 9/9/2025 v.20.1

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**NBP2-13749**

PEG10 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

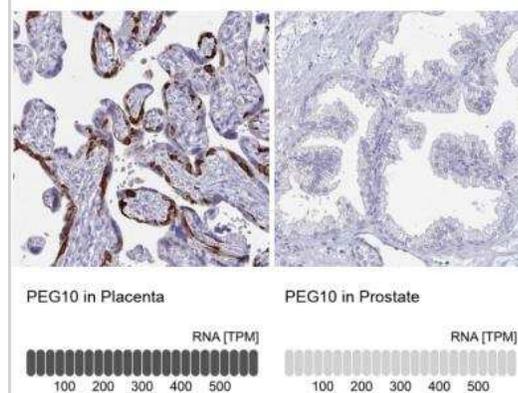
Product Description	
Description	Novus Biologicals Rabbit PEG10 Antibody - BSA Free (NBP2-13749) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PEG10 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23089
Gene Symbol	PEG10
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: QCIHIERRLARAAAARKPRSPPRALVLPHIASHHQVDPTEPVGGARMRLTQEEK ERRRKLNLCLYCGTGGHYADNCPAKASKSS

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF /Permeabilization: PFA/Triton X-100.

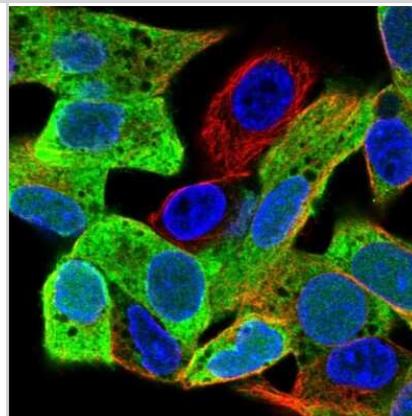


## Images

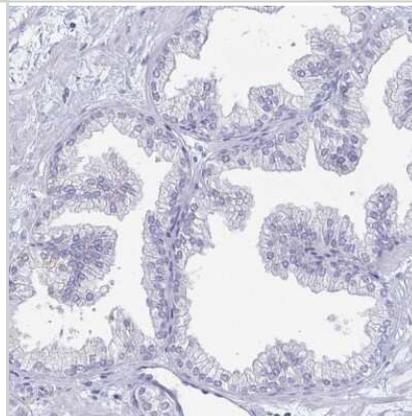
Immunohistochemistry-Paraffin: PEG10 Antibody [NBP2-13749] - Analysis in human placenta and prostate tissues using Anti-PEG10 antibody. Corresponding PEG10 RNA-seq data are presented for the same tissues.



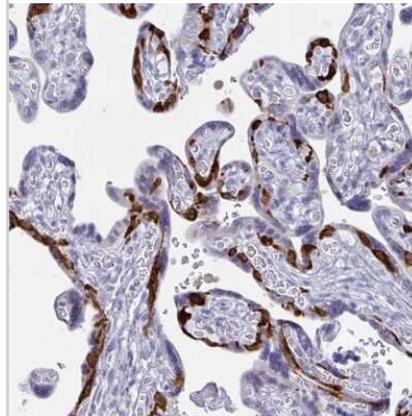
Immunocytochemistry/Immunofluorescence: PEG10 Antibody [NBP2-13749] - Staining of human cell line Hep G2 shows localization to nucleus & cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: PEG10 Antibody [NBP2-13749] - Staining of human prostate shows low expression as expected.



Immunohistochemistry-Paraffin: PEG10 Antibody [NBP2-13749] - Staining of human placenta shows high expression.



## Publications

Komatsuda H, Nagato T, Kosaka A et al. Tumor-promoting function of paternally expressed gene 10 and its immunogenicity in inducing anti-tumor helper T cells in head and neck squamous cell carcinoma. *Cancer immunology, immunotherapy* : CII 2025-06-25 [PMID: 40560436]

Kim S, Thaper D et al. PEG10 is associated with treatment-induced neuroendocrine prostate cancer. *J Mol Endocrinol* 2019-01-07 [PMID: 31013476] (WB, Human)

Shapovalova M, Lee J K et al. PEG10 Promoter-Driven Expression of Reporter Genes Enables Molecular Imaging of Lethal Prostate Cancer. *Cancer Res* 2019-01-11 [PMID: 31530569] (IF/IHC, Human)

### Details:

*Meriones unguiculatus* (Mongolian gerbil)





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### **Products Related to NBP2-13749**

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NBP2-13749PEP	PEG10 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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