

# Product Datasheet

## PRAK Antibody - BSA Free NBP1-87231

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: 1

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Updated 12/2/2025 v.20.1

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**NBP1-87231**

PRAK 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

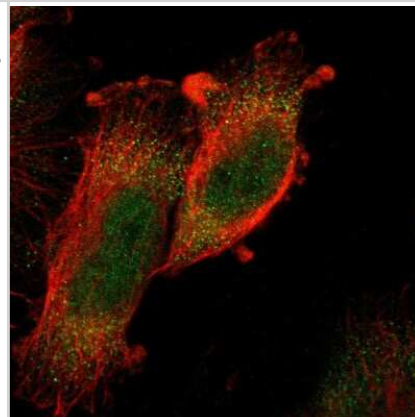
Product Description	
Description	Novus Biologicals Rabbit PRAK Antibody - BSA Free (NBP1-87231) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-PRAK Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8550
Gene Symbol	MAPKAPK5
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PLHSVNNPILRKRKLLGTPKDSVYIHDHENGAEEDSNVALEKLRDVIQQILPQA GKGENEDEKLNEVMQEAWKYNRECKLLRDTLQSFWSWNGRGFTDKVDRLKLA EIVKQVIEEQTTSH

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.



## Images


Immunocytochemistry/Immunofluorescence: PRAK Antibody [NBP1-87231] - Immunofluorescent staining of human cell line U-251 MG shows localization to nucleoplasm & cytosol.



Immunohistochemistry-Paraffin: PRAK Antibody [NBP1-87231] - Staining of human liver shows no positivity in hepatocytes as expected.

Immunohistochemistry-Paraffin: PRAK Antibody [NBP1-87231] - Staining of human rectum shows strong nuclear positivity in glandular cells.

Immunohistochemistry-Paraffin: PRAK Antibody [NBP1-87231] - Staining of human placenta shows strong nuclear and cytoplasmic positivity in trophoblastic cells.

Immunohistochemistry-Paraffin: PRAK Antibody [NBP1-87231] - Staining of human skin shows moderate nuclear positivity in squamous epithelial cells. 

## Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]





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### **Products Related to NBP1-87231**

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NBP1-87231PEP	PRAK 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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