

# Product Datasheet

## Protein Kinase A regulatory subunit I alpha Antibody - BSA Free NBP2-33585

Unit Size: 0.1 ml

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

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Updated 2/23/2025 v.20.1

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**NBP2-33585**

Protein Kinase A regulatory subunit I alpha Antibody - BSA Free

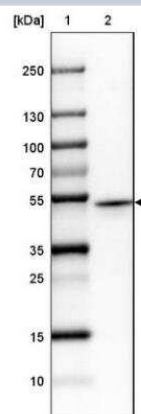
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5573
Gene Symbol	PRKAR1A
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: MAFLREYFERLEKEEAKQIQNLQKAGTRTDSREDEISPPPP

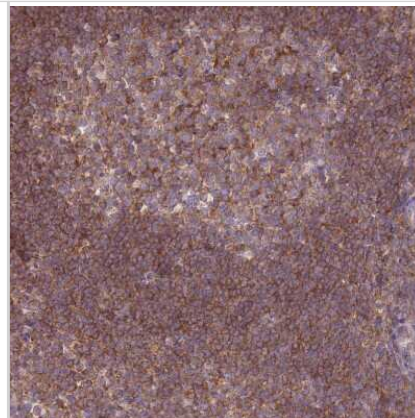
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation.

**Images**

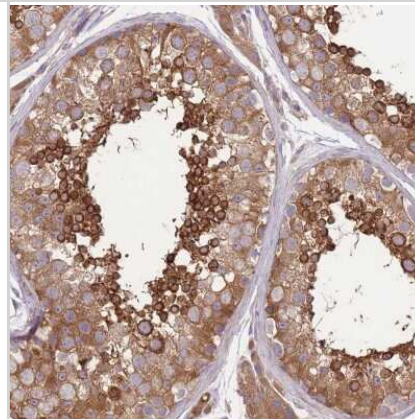
Western Blot: Protein Kinase A regulatory subunit I alpha Antibody [NBP2-33585] - Lane 1: Marker [kDa] 250,130,100,70,55,35,25,15,10. Lane 2: Human cell line SK-MEL-30.



Immunohistochemistry-Paraffin: Protein Kinase A regulatory subunit I alpha Antibody [NBP2-33585] - Staining of human tonsil shows moderate to strong cytoplasmic positivity in non-germinal center cells.



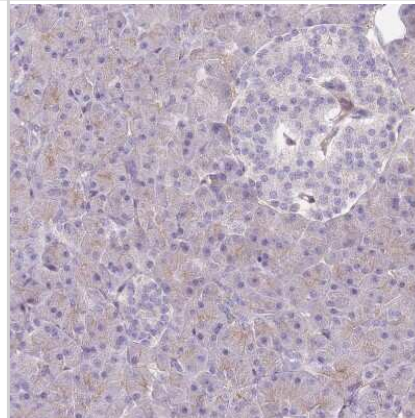
Immunohistochemistry-Paraffin: Protein Kinase A regulatory subunit I alpha Antibody [NBP2-33585] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



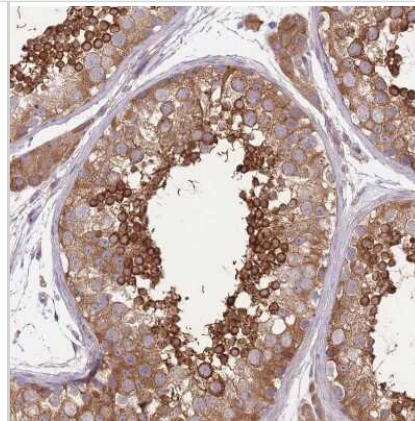
Immunohistochemistry-Paraffin: Protein Kinase A regulatory subunit I alpha Antibody [NBP2-33585] - Staining of human heart muscle shows moderate cytoplasmic positivity in cardiomyocytes.



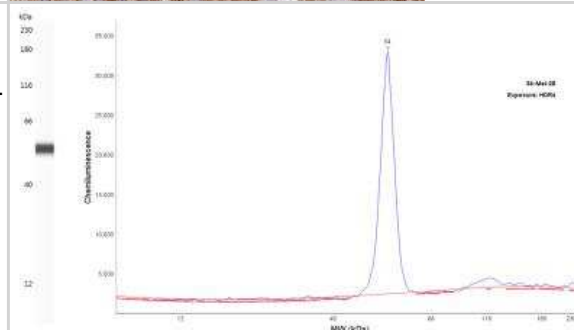
Immunohistochemistry-Paraffin: Protein Kinase A regulatory subunit I alpha Antibody [NBP2-33585] - Staining of human pancreas shows low positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: Protein Kinase A regulatory subunit I alpha Antibody [NBP2-33585] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



Simple Western: Protein Kinase A regulatory subunit I alpha Antibody [NBP2-33585] - Lane view shows a specific band for Protein Kinase A regulatory subunit I alpha using 200 ug/mL of Sk-Mel-28 cell lysate and 4 ug/mL antibody dilution. Electropherogram image of corresponding Simple Western lane view at WES molecular weight of 54 kDa. Image from an internal validation.





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### **Products Related to NBP2-33585**

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NBP2-33585PEP	Protein Kinase A regulatory subunit I alpha 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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