

Product Datasheet

ACRBP Antibody - BSA Free

NBP1-85407

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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NBP1-85407

ACRBP Antibody - BSA Free

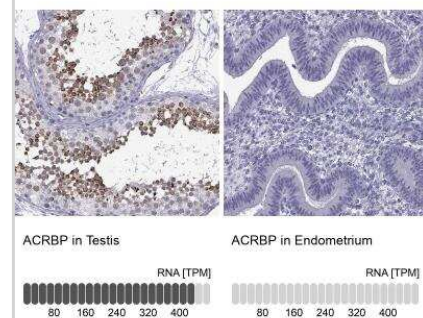
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	61 kDa

Product Description	
Host	Rabbit
Gene ID	84519
Gene Symbol	ACRBP
Species	Human, Monkey, Rhesus Macaque
Reactivity Notes	Monkey reactivity reported in the literature (PMID: 30358843). Use in Rhesus Macaque reported in secitific publication (PMID: 32351003).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AKRVLCSQPVSILSPNTLKEIEASAEVSPPTMTSPIPHFTVTERQTFQPWPERL SNNVEELLQSSLSLGGQEQAPEHKQEQQGVEHRQEPTQEHKQE

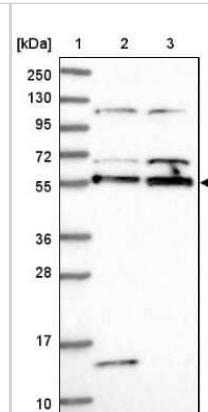
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	IHC Retrieval method: HIER pH6, ICC/IF Fixation/Permeabilization: PFA/Triton X-100

Images

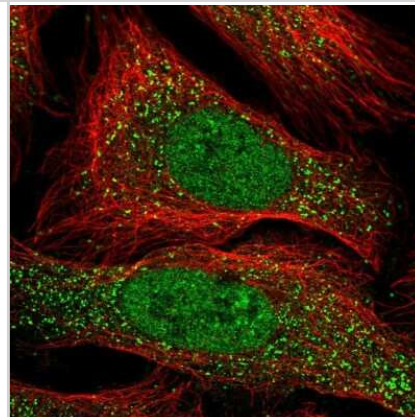
Immunohistochemistry-Paraffin: ACRBP Antibody [NBP1-85407] - Staining in human testis and endometrium tissues using anti-ACRBP antibody. Corresponding ACRBP RNA-seq data are presented for the same tissues.



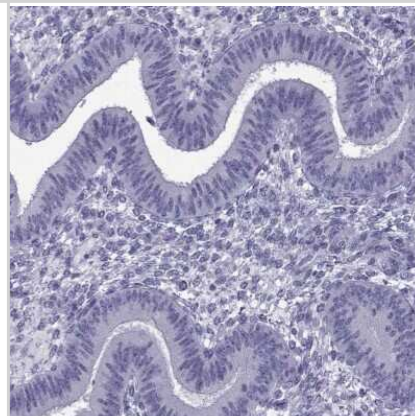
Western Blot: ACRBP Antibody [NBP1-85407] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



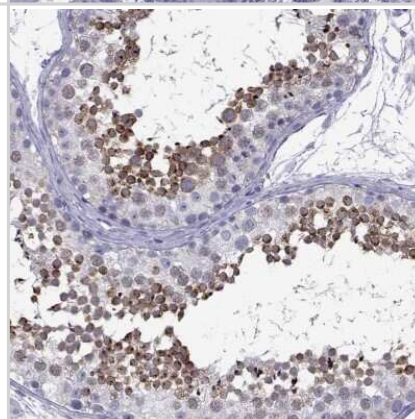
Immunocytochemistry/Immunofluorescence: ACRBP Antibody [NBP1-85407] - Staining of human cell line U-2 OS shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: ACRBP Antibody [NBP1-85407] - Staining of human endometrium shows low expression as expected.



Immunohistochemistry-Paraffin: ACRBP Antibody [NBP1-85407] - Staining of human testis shows high expression.



Publications

Shetty G, Mitchell JM, Meyer JM et al. Restoration of functional sperm production in irradiated pubertal rhesus monkeys by spermatogonial stem cell transplantation *Andrology* 2020-04-29 [PMID: 32351003] (IHC-P, Rhesus Macaque)

Shetty G, Mitchell JM, Lam TNA et al. Donor spermatogenesis in de novo formed seminiferous tubules from transplanted testicular cells in rhesus monkey testis. *Hum. Reprod.* 2018-10-24 [PMID: 30358843] (ICC/IF, Monkey)





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Products Related to NBP1-85407

NBP1-85407PEP	ACRBP 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

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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