

Product Datasheet

AKAP1 Antibody - BSA Free

NBP1-89172

Unit Size: 0.1 ml

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

www.novusbio.com



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Publications: 1

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Updated 12/2/2025 v.20.1

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NBP1-89172

AKAP1 Antibody - BSA Free

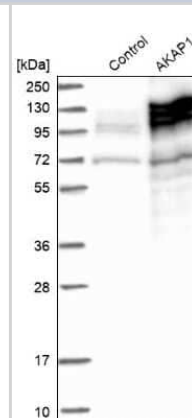
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit AKAP1 Antibody - BSA Free (NBP1-89172) is a polyclonal antibody validated for use in IHC and WB. Anti-AKAP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8165
Gene Symbol	AKAP1
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23172368).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EHVLELENSKGPSLASLEGEEDKKGKSSSSQVVGVPVQEEYVAEKLPSRFIESA HTELAKDDAAPAPPVADAKAQDRGVEGELGNEESLDRNEEGLDRNEEGLDRN EESLDRNEEGLDRNEEIKRAAFQIISQVISEATEQV

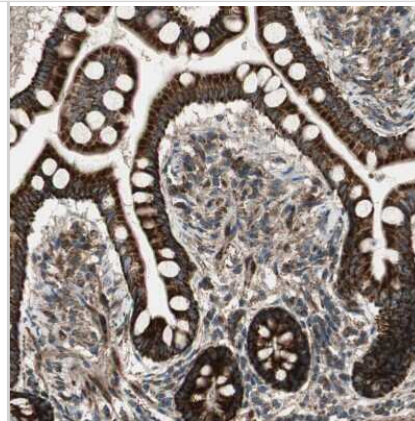
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

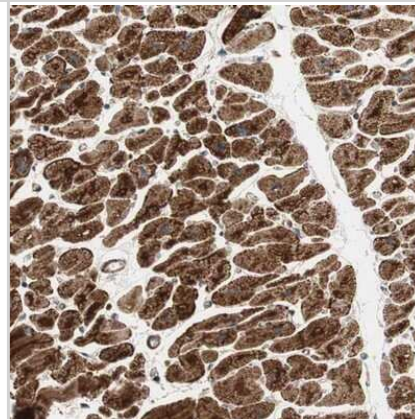
Western Blot: AKAP1 Antibody [NBP1-89172] - Analysis in control (vector only transfected HEK293T lysate) and AKAP1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



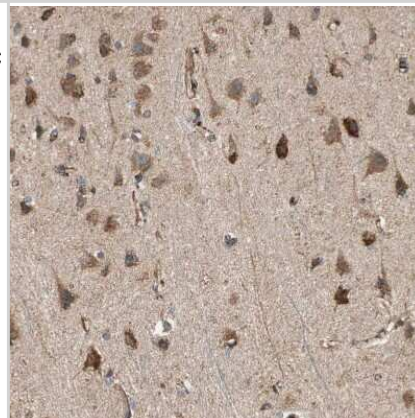
Immunohistochemistry-Paraffin: AKAP1 Antibody [NBP1-89172] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



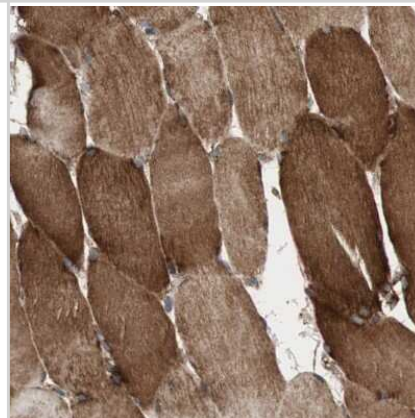
Immunohistochemistry-Paraffin: AKAP1 Antibody [NBP1-89172] - Staining of human heart muscle shows strong cytoplasmic positivity in myocytes.



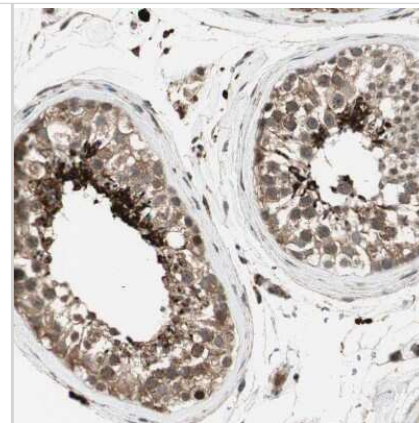
Immunohistochemistry-Paraffin: AKAP1 Antibody [NBP1-89172] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: AKAP1 Antibody [NBP1-89172] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: AKAP1 Antibody [NBP1-89172] - Staining of human testis shows strong cytoplasmic positivity in spermatids.



Publications

Sotgia F, Whitaker-Menezes D, Martinez-Outschoorn UE et al. Mitochondria fuel breast cancer metabolism: Fifteen markers of mitochondrial biogenesis label epithelial cancer cells, but are excluded from adjacent stromal cells. *Cell Cycle* 2012-12-01 [PMID: 23172368] (IF/IHC, Human)



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Products Related to NBP1-89172

NBP1-89172PEP	AKAP1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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