

Product Datasheet

AKAP12 Antibody - BSA Free

NBP1-89168

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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NBP1-89168

AKAP12 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

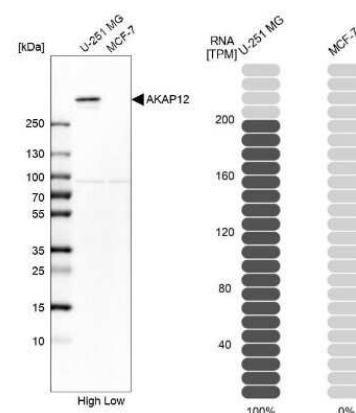
Host	Rabbit
Gene ID	9590
Gene Symbol	AKAP12
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QRAEAERPEEQAEASGLKKETDVVLKVDAQEAKTEPFTQGKVVGGQTTPESFE KAPQVTESISSLVTTTCAETLAGVKSQEMVMEQAIPDSVETPTDSETDGST

Product Application Details

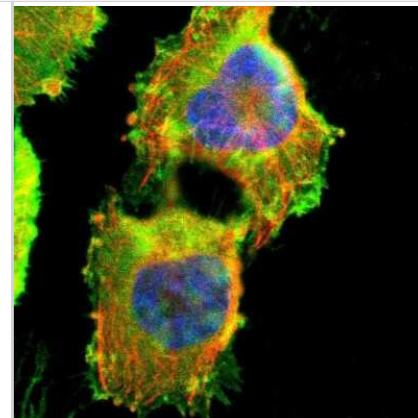
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF fixation permeabilization: PFA/Triton X-100

Images

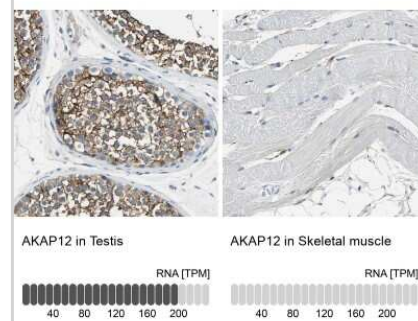
Western Blot: AKAP12 Antibody [NBP1-89168] - Analysis in human cell lines U-251MG and MCF-7 using anti-AKAP12 antibody. Corresponding AKAP12 RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



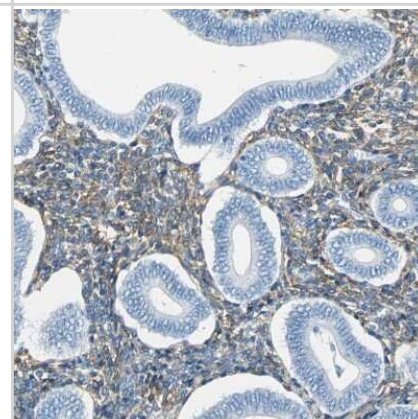
Immunocytochemistry/Immunofluorescence: AKAP12 Antibody [NBP1-89168] - Staining of human cell line U-251 MG shows localization to plasma membrane and cytosol. Antibody staining is shown in green.



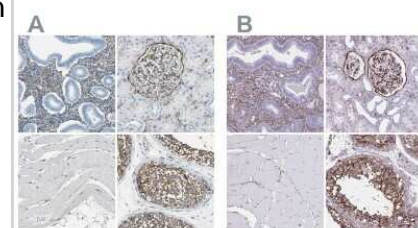
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP1-89168] - Staining in human testis and skeletal muscle tissues using NBP1-89168 antibody. Corresponding AKAP12 RNA-seq data are presented for the same tissues.



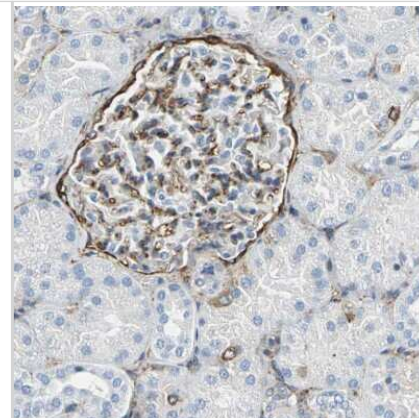
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP1-89168] - Staining of human endometrium shows moderate positivity in cells in endometrial stroma.



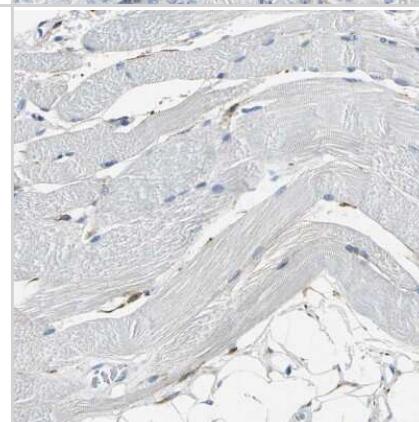
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP1-89168] - Staining of human endometrium, kidney, skeletal muscle and testis using Anti-AKAP12 antibody NBP1-89168 (A) shows similar protein distribution across tissues to independent antibody NBP2-38786 (B).



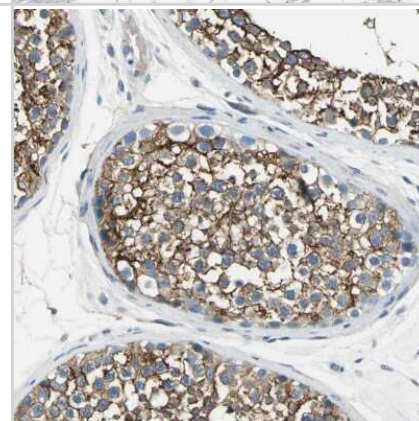
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP1-89168] - Staining of human kidney shows strong positivity in cells in glomeruli.



Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP1-89168] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP1-89168] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



Publications

Bateman NW, Jaworski E, Ao W et al. Elevated AKAP12 in Paclitaxel-Resistant Serous Ovarian Cancer Cells is Prognostic and Predictive of Poor Survival in Patients. J Proteome Res 2015-04-03 [PMID: 25748058] (WB, Human)



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Products Related to NBP1-89168

NBP1-89168PEP	AKAP12 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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