

Product Datasheet

AKAP12 Antibody - BSA Free NBP2-38786

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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NBP2-38786

AKAP12 Antibody - BSA Free

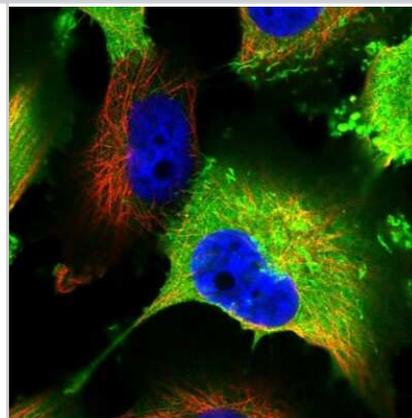
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 a recombinant protein corresponding to amino acids: SKDMSEASEKTMTVEVEGSTVNDQQLEEVVLPSEEEGGGAGTKSVPEDDGHA LLAERIEKSLVEPKEDKGGDDVDDPENQNSALADTDASGGLTKESPDTNGPKQ KEKEDAQEVLEQEGKVHSESDKAITPQAQEELQKQERESAKS |

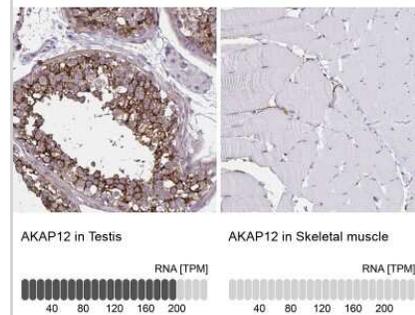
| Product Application Details | |
|-----------------------------|--|
| Applications | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100. |

Images

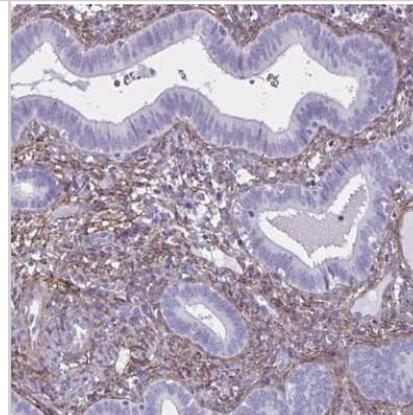
Immunocytochemistry/Immunofluorescence: AKAP12 Antibody [NBP2-38786] - Staining of human cell line U-251 MG shows localization to plasma membrane and cytosol.



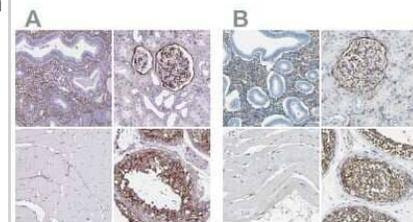
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP2-38786] - Staining in human testis and skeletal muscle tissues using NBP2-38786 antibody. Corresponding AKAP12 RNA-seq data are presented for the same tissues.



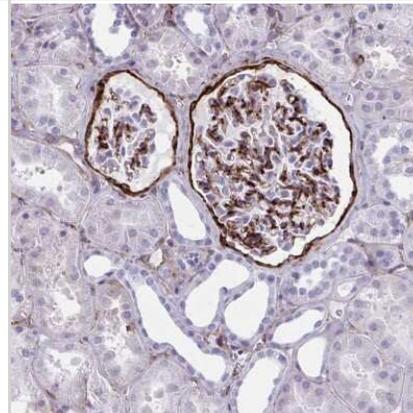
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP2-38786] - Staining of human endometrium shows moderate positivity in stromal cells.



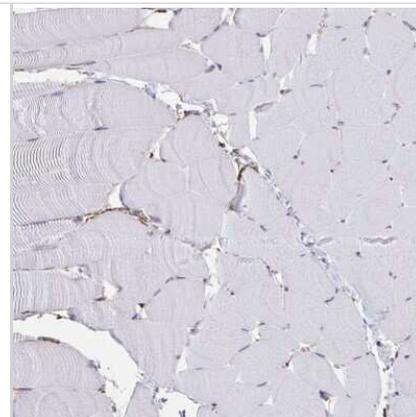
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP2-38786] - Staining of human endometrium, kidney, skeletal muscle and testis using Anti-AKAP12 antibody NBP2-38786 (A) shows similar protein distribution across tissues to independent antibody NBP1-89168 (B).



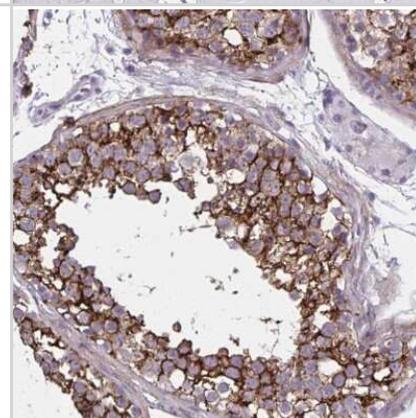
Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP2-38786] - Staining of human kidney shows strong positivity in cells in glomeruli.



Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP2-38786] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: AKAP12 Antibody [NBP2-38786] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.





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Products Related to NBP2-38786

| | |
|---------------|---|
| NBP2-38786PEP | 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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