

Product Datasheet

AKAP13 Antibody - BSA Free

NBP1-89163

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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NBP1-89163

AKAP13 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

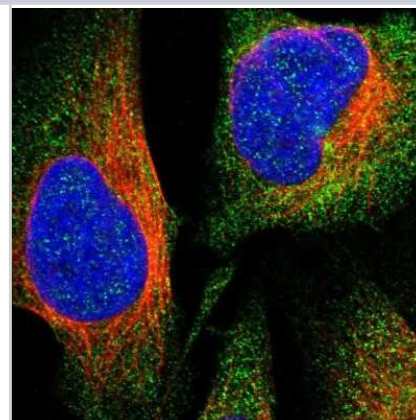
Host	Rabbit
Gene ID	11214
Gene Symbol	AKAP13
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (87%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ARELKEQLHQKDQKILLLEEKEMIFRDMACSTPLPEDCSPHSPRVLFERSNT EEALKGGPLMKSAINEVEILQGLVSGNLGGTLGPTVSSPIEQDVVGPVSLPR

Product Application Details

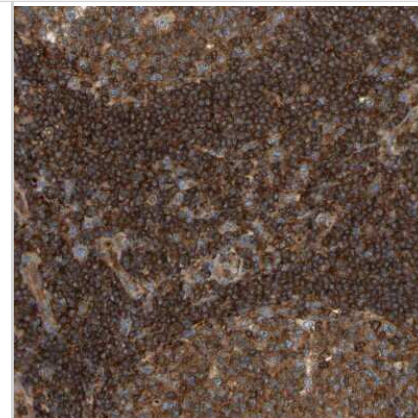
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

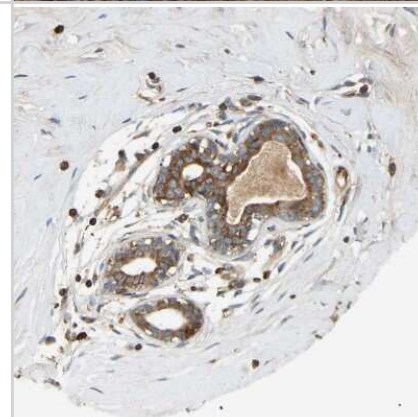
Immunocytochemistry/Immunofluorescence: AKAP13 Antibody [NBP1-89163] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



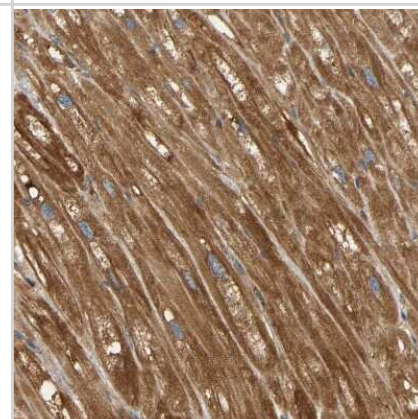
Immunohistochemistry-Paraffin: AKAP13 Antibody [NBP1-89163] - Staining of human lymphoid tissues shows strong cytoplasmic positivity in lymphoid cells.



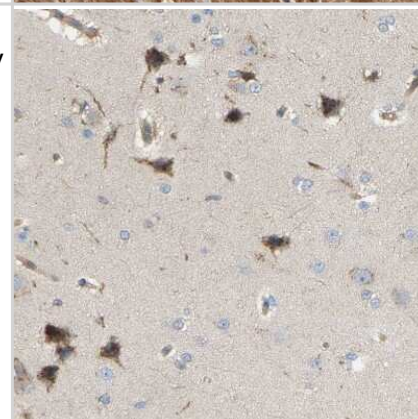
Immunohistochemistry-Paraffin: AKAP13 Antibody [NBP1-89163] - Staining of human breast shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: AKAP13 Antibody [NBP1-89163] - Staining of human heart shows moderate to strong cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: AKAP13 Antibody [NBP1-89163] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



Publications

Liu Y, Zhao S, Wang J Et al. MiR-629-5p Promotes Prostate Cancer Development and Metastasis by Targeting AKAP13 *Frontiers in Oncology* 2021-10-15 [PMID: 34722307] (IF/IHC, Human)



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Products Related to NBP1-89163

NBP1-89163PEP	AKAP13 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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