

Product Datasheet

POGZ Antibody NBP1-83004

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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NBP1-83004**POGZ Antibody****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	23126
Gene Symbol	POGZ
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: PEELLTPLAPALPSPASTATPPPTPTHPQALALPPLATEGAECNLNDDQDEGSP VTQEPELASGGGGSGGVGKKEQLSVKKLRVVLFAALCCNTEQAAEHFRNPQRR IRRWLRRFQASQGENLEGKYLSEAEKLAEWV

Product Application Details

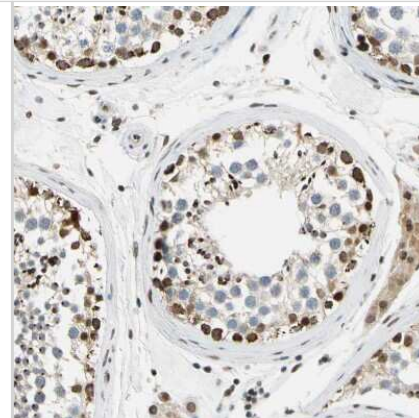
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. Use in Western blot reported in scientific literature (PMID: 31196716).

Images

Immunocytochemistry/Immunofluorescence: POGZ Antibody [NBP1-83004] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus. Antibody staining is shown in green.



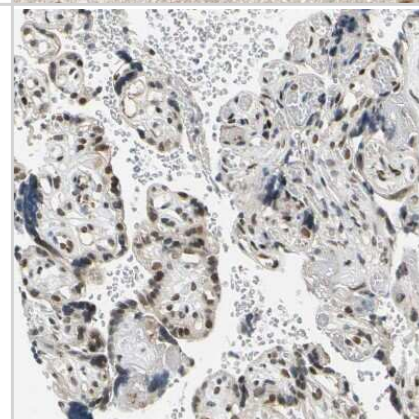
Immunohistochemistry-Paraffin: POGZ Antibody [NBP1-83004] - Staining of human testis shows strong nuclear and cytoplasmic positivity in cells in seminiferous ducts.



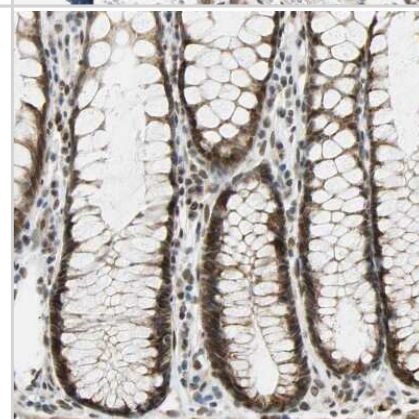
Immunohistochemistry-Paraffin: POGZ Antibody [NBP1-83004] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: POGZ Antibody [NBP1-83004] - Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: POGZ Antibody [NBP1-83004] - Staining of human rectum shows moderate to strong nuclear positivity in glandular cells.



Publications

Zhao W, Quan Y, Wu H et al. POGZ de novo missense variants in neuropsychiatric disorders Mol Genet Genomic Med 2019-07-25 [PMID: 31347273] (WB, Human)

Vihola A, Palmio J, Danielsson O et al. Rare inherited missense variants of POGZ associate with autism risk and disrupt neuronal development Journal of Genetics and Genomics 2019-05-01 [PMID: 31196716] (WB, Human)



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Products Related to NBP1-83004

NBP1-83004PEP	POGZ 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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