

Product Datasheet

WDR13 Antibody - BSA Free

NBP1-85820

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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NBP1-85820

WDR13 Antibody - BSA Free

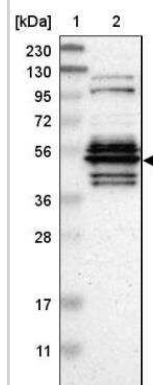
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	64743
Gene Symbol	WDR13
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 26306915).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GHRRSVSRGSYQLQAQMNRAVYEDRPPGSVVPTSAAEASRAMAGDTSLS ENYAFAGMYHVFQHVDEAVPRVRFANDDRHRLACCSLDGSLCQLVPAPPTVL RVLR

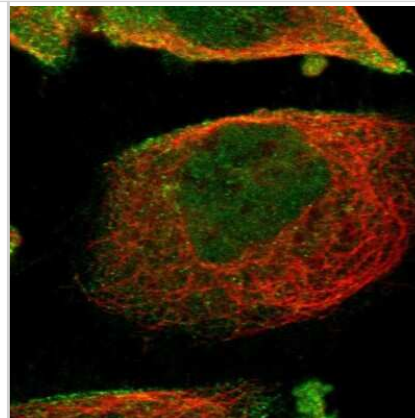
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	WB reported in scientific literature (PMID: 26306915). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

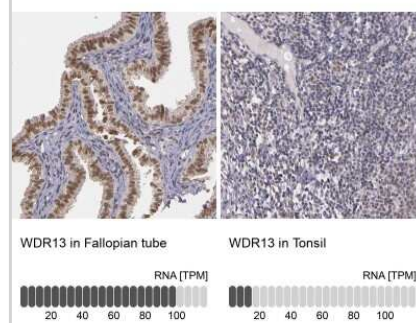
Western Blot: WDR13 Antibody [NBP1-85820] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-632



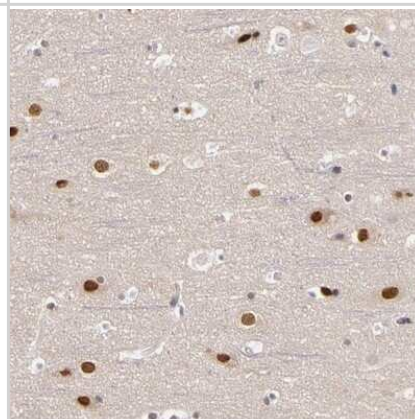
Immunocytochemistry/Immunofluorescence: WDR13 Antibody [NBP1-85820] - Staining of human cell line A-431 shows localization to nucleoplasm & plasma membrane.



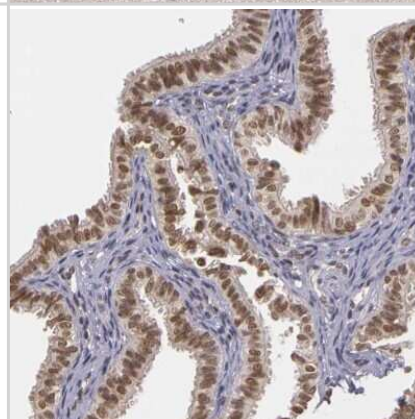
Immunohistochemistry-Paraffin: WDR13 Antibody [NBP1-85820] - Staining in human fallopian tube and tonsil tissues using anti-WDR13 antibody. Corresponding WDR13 RNA-seq data are presented for the same tissues.



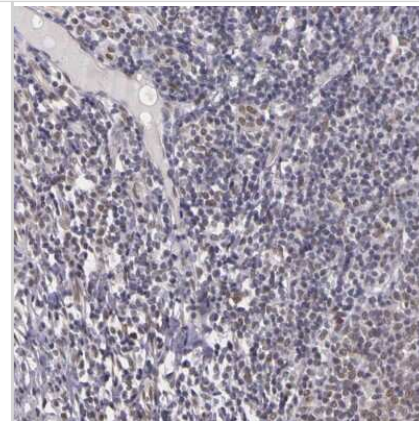
Immunohistochemistry-Paraffin: WDR13 Antibody [NBP1-85820] - Staining of human cerebral cortex shows moderate nuclear positivity in neuronal cells.



Immunohistochemistry-Paraffin: WDR13 Antibody [NBP1-85820] - Staining of human fallopian tube shows high expression.



Immunohistochemistry-Paraffin: WDR13 Antibody [NBP1-85820] - Staining of human tonsil shows low expression as expected.



Publications

Singh VP, Alex JL, Lakshmi BJ et al. Role of mouse Wdr13 in placental growth; a genetic evidence for lifetime body weight determination by placenta during development. Sci Rep 2015-08-26 [PMID: 26306915] (WB, Mouse)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]

Singh VP, Lakshmi BJ, Singh S et al. Lack of Wdr13 gene in mice leads to enhanced pancreatic beta cell proliferation, hyperinsulinemia and mild obesity. PLoS One 2012-01-01 [PMID: 22715406]



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Products Related to NBP1-85820

NBP1-85820PEP	WDR13 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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