

Product Datasheet

HAND1 Antibody (OTI1G10)

NBP2-00576

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-00576**HAND1 Antibody (OTI1G10)****Product Information**

Unit Size	0.1 ml
Concentration	0.82 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G10
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	23.4 kDa

Product Description

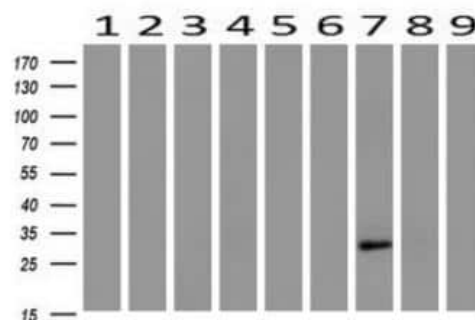
Host	Mouse
Gene ID	9421
Gene Symbol	HAND1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human HAND1 (NP_004812) produced in E.coli.

Product Application Details

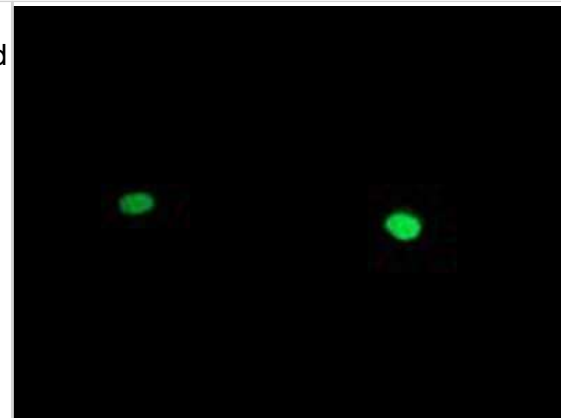
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, In vitro assay
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, In vitro assay Reported in scientific literature (PMID:33316598)

Images

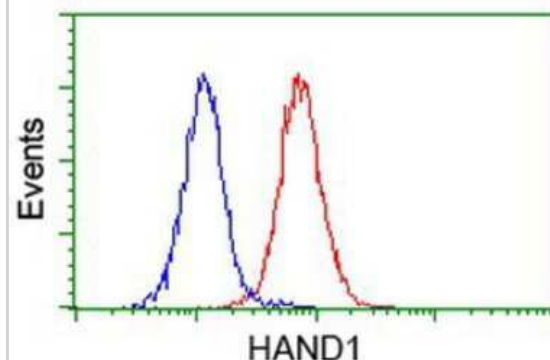
Western Blot: HAND1 Antibody (OTI1G10) [NBP2-00576] - Analysis of extracts (10ug) from 9 Human tissue by using anti-HAND1 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).



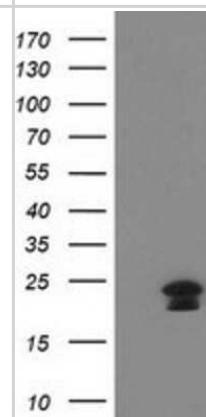
Immunocytochemistry/Immunofluorescence: HAND1 Antibody (OT11G10) [NBP2-00576] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY HAND1.



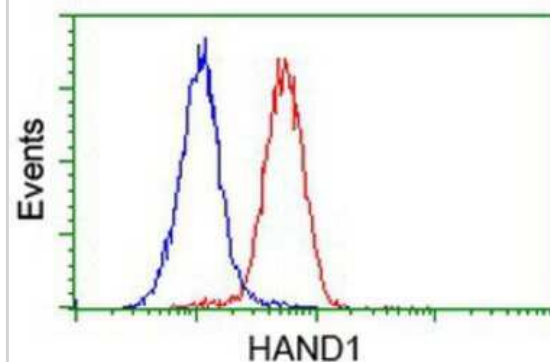
Flow Cytometry: HAND1 Antibody (OT11G10) [NBP2-00576] - Analysis of Jurkat cells, using anti-HAND1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Western Blot: HAND1 Antibody (OT11G10) [NBP2-00576] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HAND1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HAND1.



Flow Cytometry: HAND1 Antibody (OT11G10) [NBP2-00576] - Analysis of Hela cells, using anti-HAND1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Garcia, L;Gonzalez, CD;Gagne, A;McGuire, JA;French, D;Takanohashi, A;Almad, A;Vanderver, A;Sase, S; Generation of three induced pluripotent stem cell lines from individuals with Aicardi-Goutières syndrome caused by a c.3019G>A (p.G1007R) autosomal dominant pathogenic variant in ADAR1 Stem cell research 2024-02-01 [PMID: 38181636]

Hashmi SK, Schneider S, Gagne AL et al. Generation of CHOPe003-A ESC line to study an ACTG2 variant affecting smooth muscle development and function Stem Cell Research 2023-09-01 [PMID: 37643495]

Hashmi S, Schneider S, Gagne A et al. Generation of CHOPi012-A iPSC line from a patient with visceral myopathy-related chronic intestinal pseudo-obstruction Stem Cell Research 2023-08-01 [PMID: 37572398]

Leavens KF, Liao CM, Gagne AL et al. Generation of a double insulin and somatostatin reporter line, SCSe001-A-3, for the advancement of stem cell-derived pancreatic islets Stem cell research 2020-12-08 [PMID: 33316598] (In vitro, Human)





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Products Related to NBP2-00576

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-23102	Recombinant Human HAND1 His Protein

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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