

Product Datasheet

DAP Kinase 2 Antibody (OTI1C5) NBP2-02477

Unit Size: 0.1 ml

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

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NBP2-02477**DAP Kinase 2 Antibody (OTI1C5)****Product Information**

Unit Size	0.1 ml
Concentration	0.76 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1C5
Preservative	0.02% Sodium Azide
Isotype	IgG3
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	42.7 kDa

Product Description

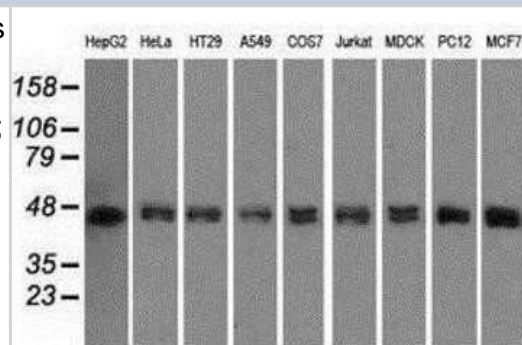
Host	Mouse
Gene ID	23604
Gene Symbol	DAPK2
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. 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 DAPK2 (NP_055141) produced in HEK293T cell.

Product Application Details

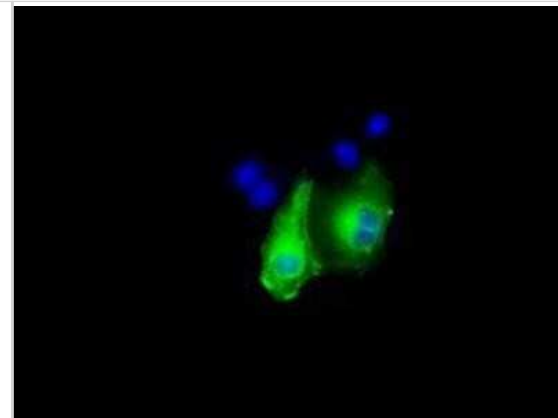
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin 1:50

Images

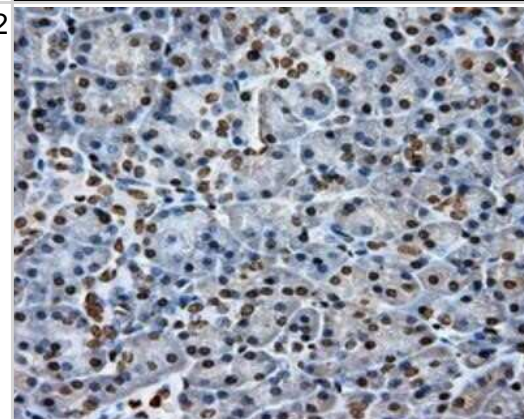
Western Blot: DAP Kinase 2 Antibody (OTI1C5) [NBP2-02477] - Analysis of extracts (35ug) from 9 different cell lines by using anti-DAP Kinase 2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



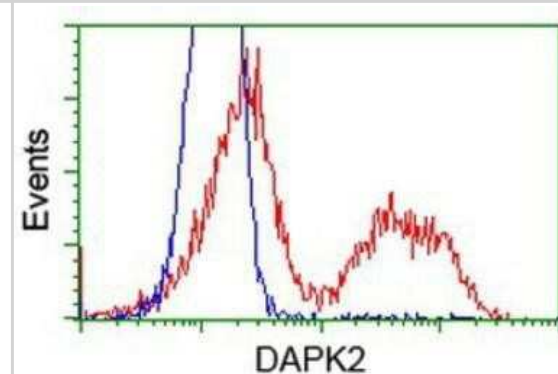
Immunocytochemistry/Immunofluorescence: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY DAP Kinase 2.



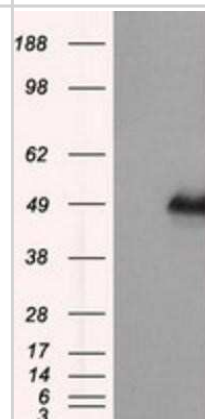
Immunohistochemistry-Paraffin: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of paraffin-embedded Human pancreas tissue using anti-DAP Kinase 2 mouse monoclonal antibody.



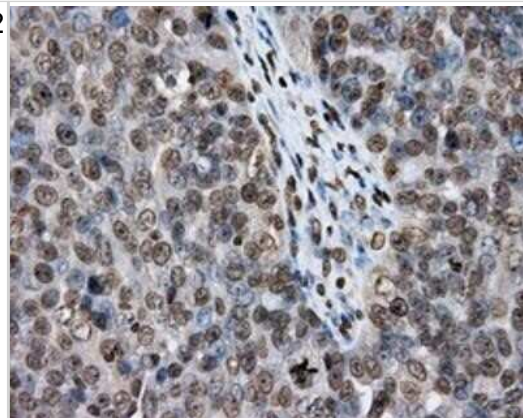
Flow Cytometry: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DAP Kinase 2 antibody, and then analyzed by flow cytometry.



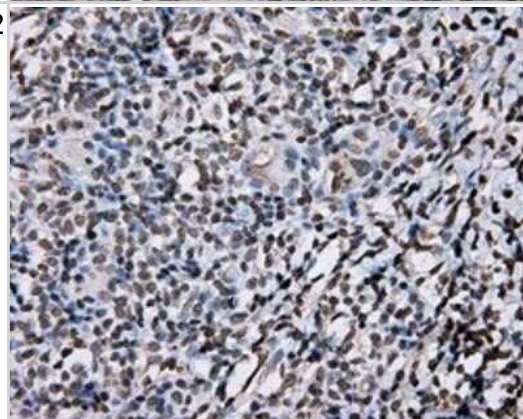
Western Blot: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DAP Kinase 2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DAP Kinase 2.



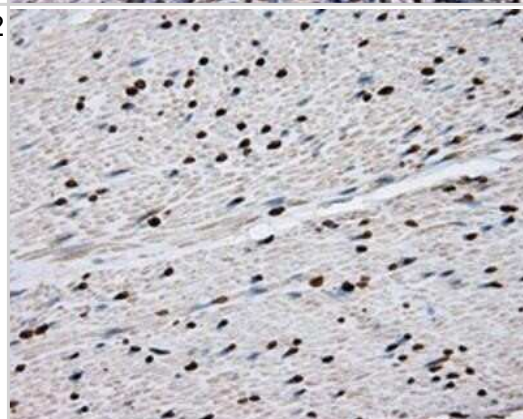
Immunohistochemistry-Paraffin: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-DAP Kinase 2 mouse monoclonal antibody.



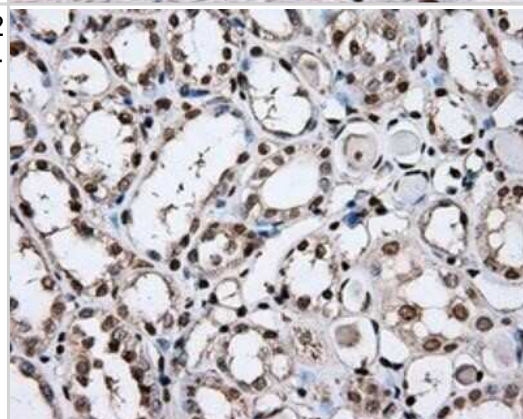
Immunohistochemistry-Paraffin: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-DAP Kinase 2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of paraffin-embedded Human colon tissue using anti-DAP Kinase 2 mouse monoclonal antibody.



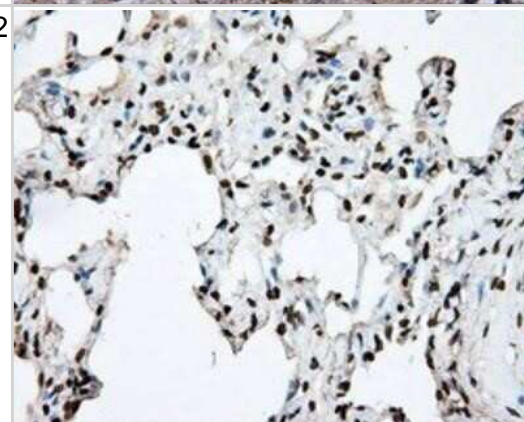
Immunohistochemistry-Paraffin: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of paraffin-embedded Human Kidney tissue using anti-DAP Kinase 2 mouse monoclonal antibody.



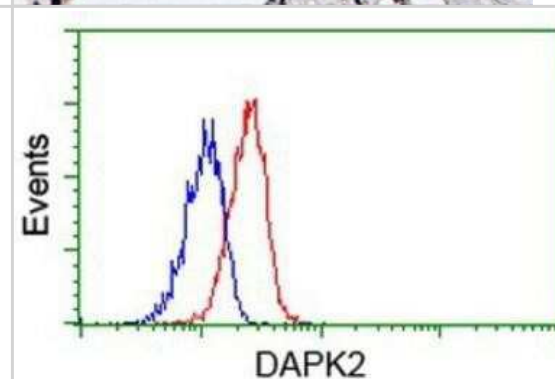
Immunohistochemistry-Paraffin: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of paraffin-embedded Human liver tissue using anti-DAP Kinase 2 mouse monoclonal antibody.



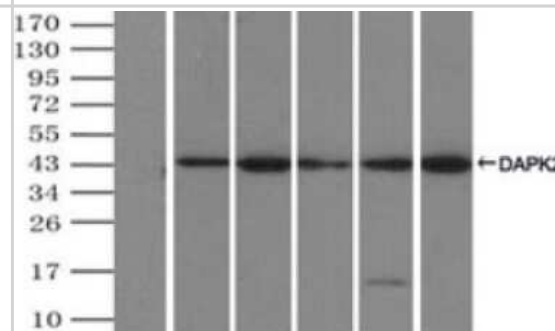
Immunohistochemistry-Paraffin: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Staining of paraffin-embedded Human lung tissue using anti-DAP Kinase 2 mouse monoclonal antibody.



Flow Cytometry: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - Analysis of Jurkat cells, using anti-DAP Kinase 2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Immunoprecipitation: DAP Kinase 2 Antibody (OT11C5) [NBP2-02477] - (Negative control: IP without adding anti-DAPK2 antibody.). For each experiment, 500ul of DDK tagged DAPK2 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-DAPK2 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.



Publications

Jing Zhang, Lei Liu, Yunyan Sun, Jiandong Xiang, Dongmei Zhou, Li Wang, Huali Xu, Xiaoming Yang, Na Du, Meng Zhang, Qin Yan, Xiaowei Xi MicroRNA-520g promotes epithelial ovarian cancer progression and chemoresistance via DAPK2 repression Oncotarget 2016-05-03 [PMID: 27049921]

Ryan L. Ashley, Cheyenne L. Runyan, Marlie M. Maestas, Elisa Trigo, Gail Silver Inhibition of the C-X-C Motif Chemokine 12 (CXCL12) and Its Receptor CXCR4 Reduces Utero-Placental Expression of the VEGF System and Increases Utero-Placental Autophagy Frontiers in Veterinary Science 2021-08-16 [PMID: 34485423]





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Products Related to NBP2-02477

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)
H00023604-Q01-10ug	Recombinant Human DAP Kinase 2 GST (N-Term) Protein

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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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