

# Product Datasheet

## TSC22/TSC22D1 Antibody (OTI4H8) NBP2-46238

Unit Size: 0.1 ml

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

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### Publications: 2

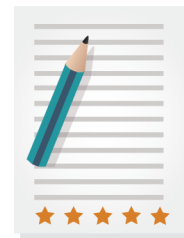
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-46238](http://www.novusbio.com/NBP2-46238)

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**NBP2-46238**

TSC22/TSC22D1 Antibody (OTI4H8)

**Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml                                   |
| <b>Concentration</b>           | 1 mg/ml                                  |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                               |
| <b>Clone</b>                   | OTI4H8                                   |
| <b>Preservative</b>            | 0.02% Sodium Azide                       |
| <b>Isotype</b>                 | IgG2a                                    |
| <b>Purity</b>                  | Immunogen affinity purified              |
| <b>Buffer</b>                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| <b>Target Molecular Weight</b> | 15.5 kDa                                 |

**Product Description**

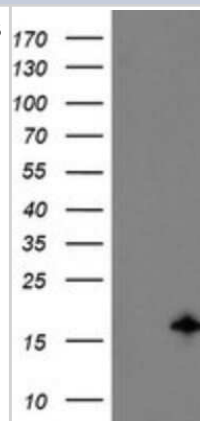
|                         |   |
|-------------------------|---|
| <b>Host</b>             | Mouse   |
| <b>Gene ID</b>          | 8848  |
| <b>Gene Symbol</b>      | TSC22D1   |
| <b>Species</b>          | Human, Mouse, Rat   |
| <b>Reactivity Notes</b> | Please note that this antibody is reactive to 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. |
| <b>Immunogen</b>        | Full length human recombinant protein of human TSC22D1(NP_006013) produced in HEK293T cell.   |

**Product Application Details**

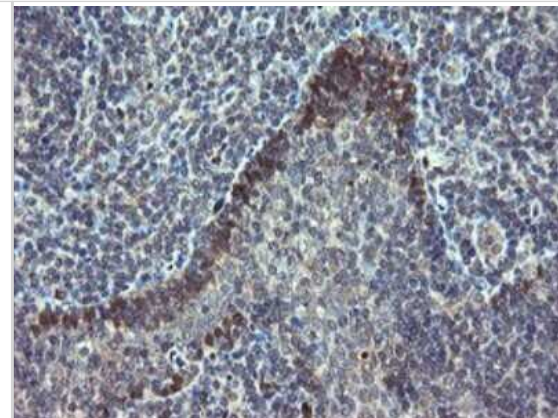
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin                          |
| <b>Recommended Dilutions</b> | Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150 |

**Images**

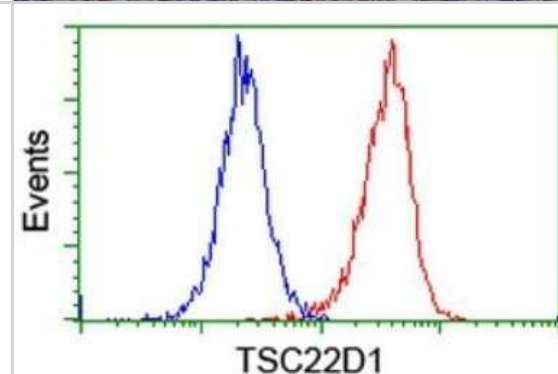
Western Blot: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TSC22D1.



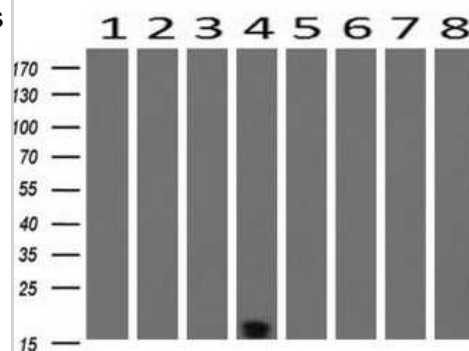
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Human tonsil tissue.



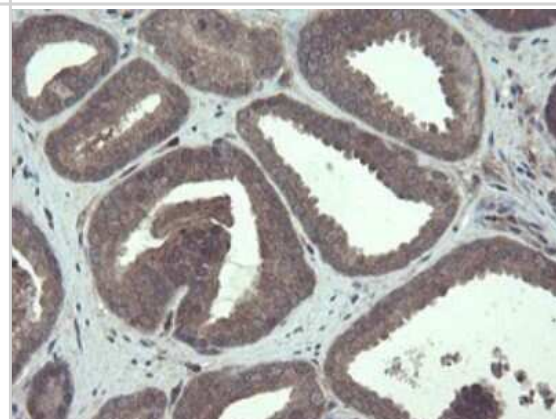
Flow Cytometry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238] -  
Analysis of Jurkat cells, using TSC22D1 antibody, (Red), compared to a  
nonspecific negative control antibody (Blue).



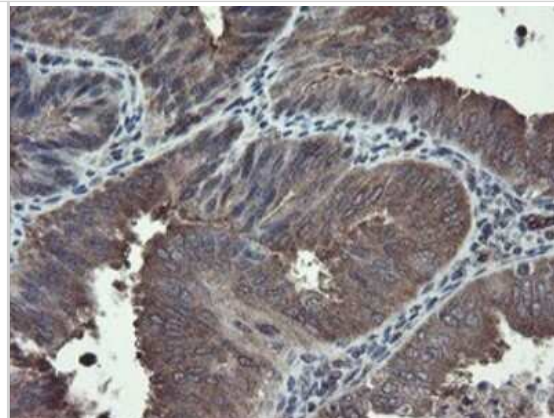
Western Blot: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238] - Analysis  
of extracts (10ug) from 8 Human tissue by using (1: Testis; 2: Uterus; 3:  
Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: Colon).



Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Carcinoma of Human prostate tissue.



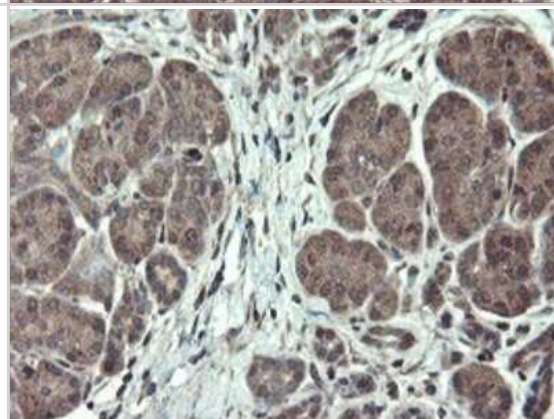
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Adenocarcinoma of Human endometrium tissue.



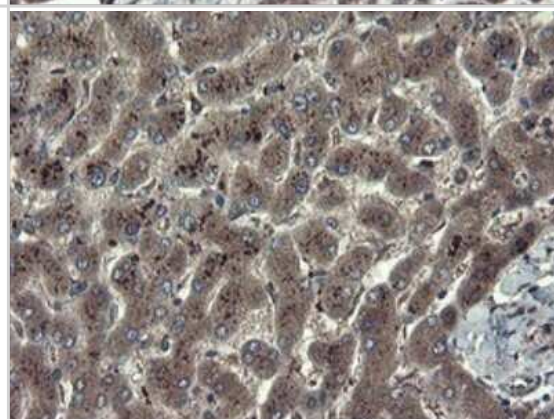
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Carcinoma of Human liver.



Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Human pancreas tissue.



Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Human liver tissue.





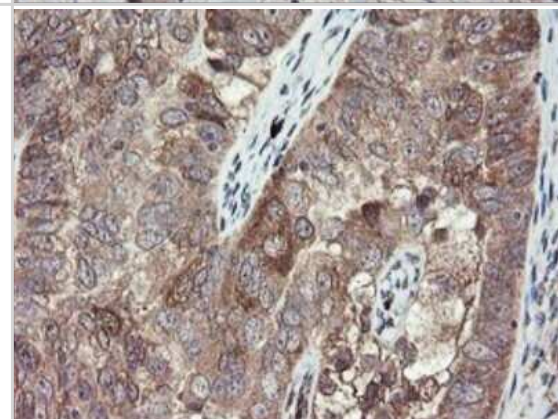
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Carcinoma of Human thyroid tissue.



Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Adenocarcinoma of Human colon tissue.



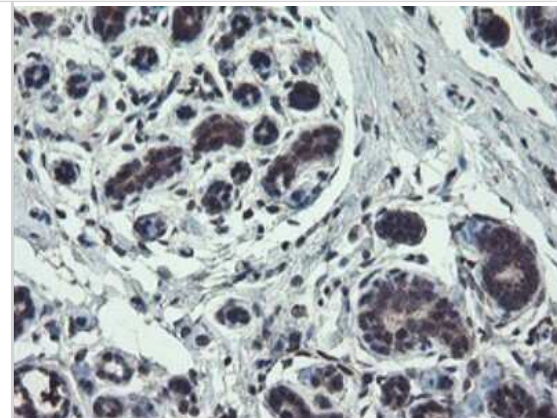
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Adenocarcinoma of Human ovary tissue.



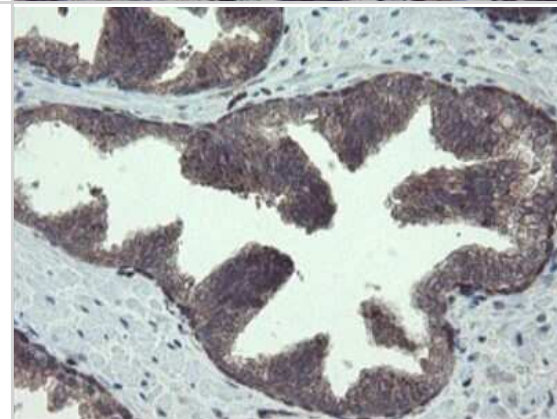
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Human Kidney tissue.



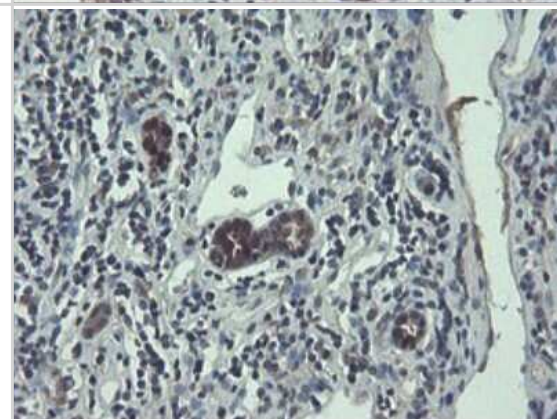
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Human breast tissue.



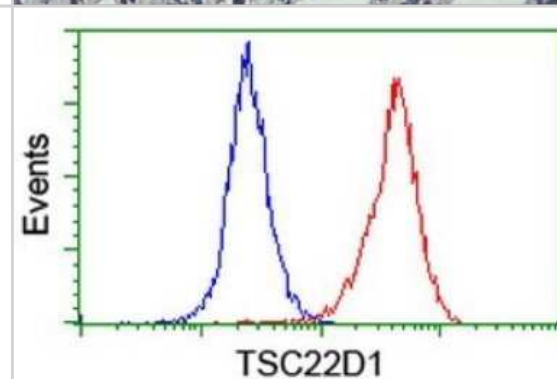
Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Human prostate tissue.



Immunohistochemistry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238]  
- Analysis of Carcinoma of Human kidney tissue.



Flow Cytometry: TSC22/TSC22D1 Antibody (4H8) [NBP2-46238] -  
Analysis of Hela cells, using TSC22D1 antibody (Red), compared to a  
nonspecific negative control antibody (Blue).



## Publications

Zheng L, Ling W, Zhu D et al. Roquin-1 resolves sepsis-associated acute liver injury by regulating inflammatory profiles via miRNA cargo in extracellular vesicles iScience 2023-08-01 [PMID: 37554446] (ICC/IF, Mouse)

Liu X, Geng Y, Liang J et al. HER2 drives lung fibrosis by activating a metastatic cancer signature in invasive lung fibroblasts The Journal of experimental medicine 2022-10-03 [PMID: 35980387] (WB, Human)



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### **Products Related to NBP2-46238**

|                    |   |
|--------------------|---|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778         | Mouse IgG2a Isotype Control (M2A)                       |
| H00008848-P01-10ug | Recombinant Human TSC22/TSC22D1 GST (N-Term) 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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