

# Product Datasheet

## TSC1 Antibody (OTI3A2) - Azide and BSA Free NBP2-74653

Unit Size: 100 ug

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

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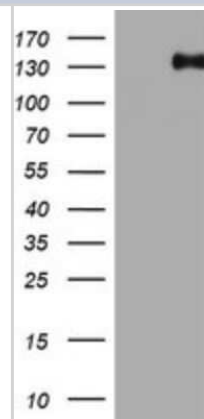
**NBP2-74653**

TSC1 Antibody (OTI3A2) - Azide and BSA Free

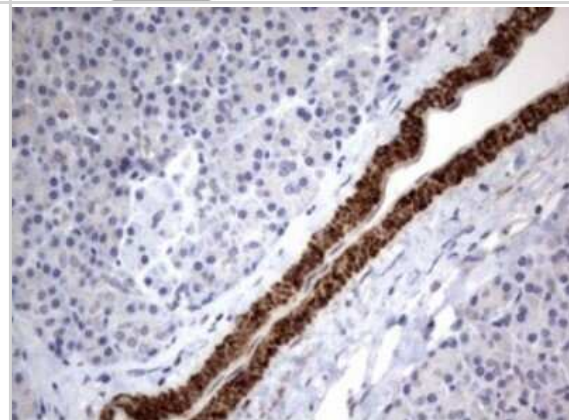
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3A2
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	129.6 kDa
Product Description	
Description	Novus Biologicals Mouse TSC1 Antibody (OTI3A2) - Azide and BSA Free (NBP2-46234) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7248
Gene Symbol	TSC1
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	Human recombinant protein fragment corresponding to amino acids 836-1164 of human TSC1 (NP_000359) produced in E.coli.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin

## Images

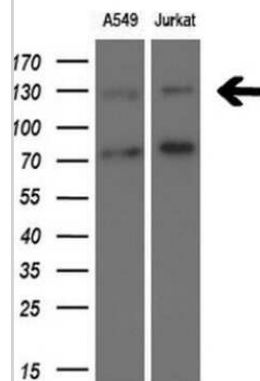
Western Blot: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TSC1.



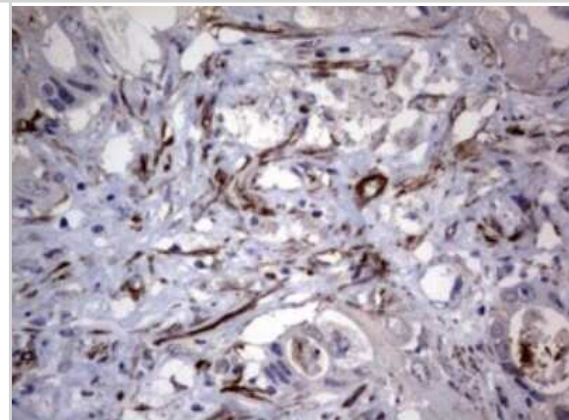
Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



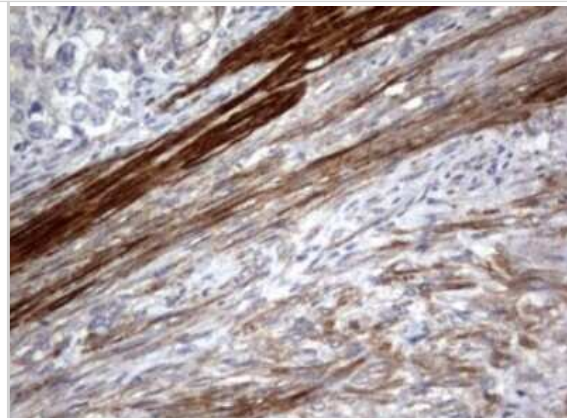
Western Blot: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of extracts (10ug) from 2 different cell lines.



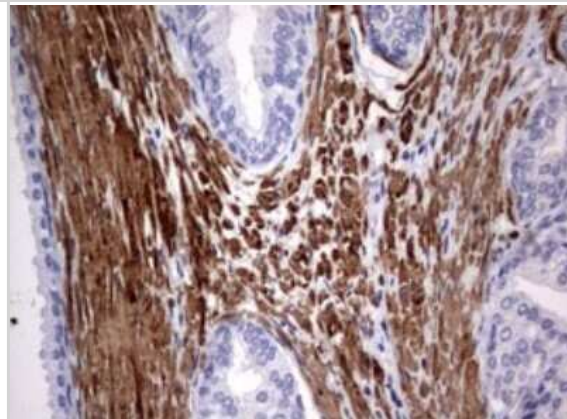
Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



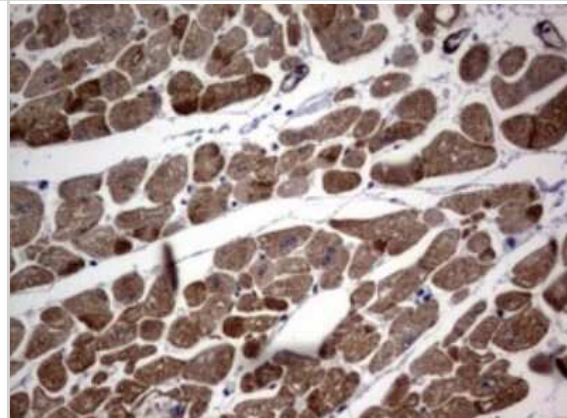
Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Adenocarcinoma of Human endometrium tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



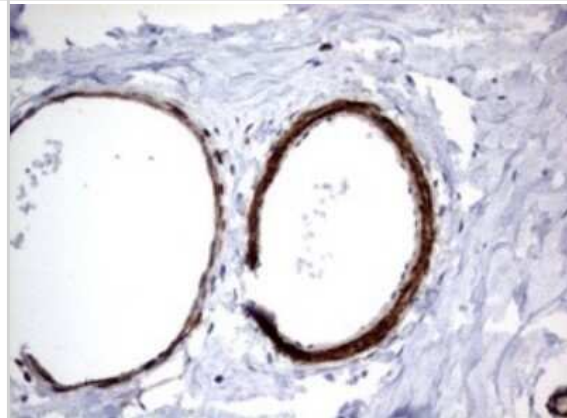
Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Carcinoma of Human prostate tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



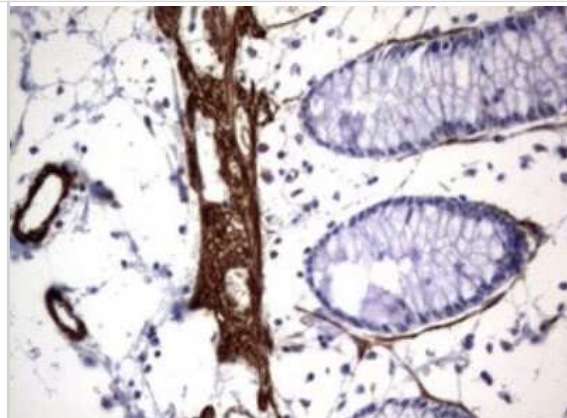
Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Human adult heart tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



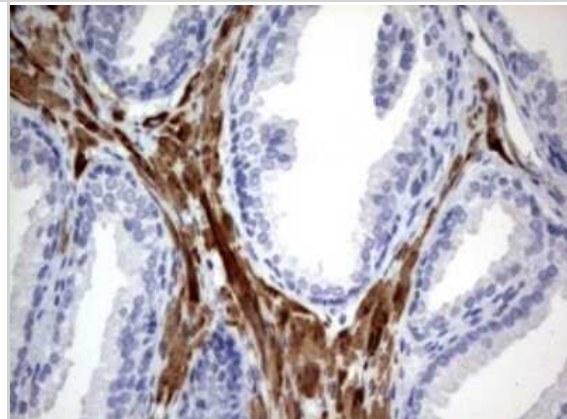
Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Human breast tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Human colon tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: TSC1 Antibody (OTI3A2) - Azide and BSA Free [NBP2-74653] - Analysis of Human prostate tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)





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### **Products Related to NBP2-74653**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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