

Product Datasheet

TSC22D4 Antibody - BSA Free NBP1-80688

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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Publications: 3

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Updated 12/2/2025 v.20.1

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NBP1-80688

TSC22D4 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

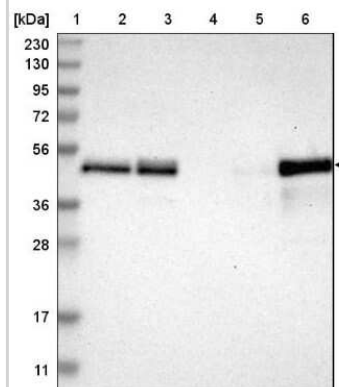
Product Description	
Description	Novus Biologicals Rabbit TSC22D4 Antibody - BSA Free (NBP1-80688) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TSC22D4 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	81628
Gene Symbol	TSC22D4
Species	Human
Reactivity Notes	Mouse (82%), Rat (82%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TPLPSLRVEAEAGGSGARTPPLSRRKAVIDMRLRMELGAPEEMGQVPPLDSRP SSPALYFTHDASLVHKSPDPFGAVAAQKFSLAHSMMLAISGHLDSDDDDSGSGSL VGIDNKIEQAMDVLKSHLMF

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

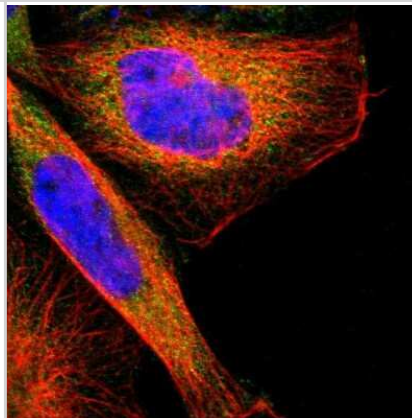


Images

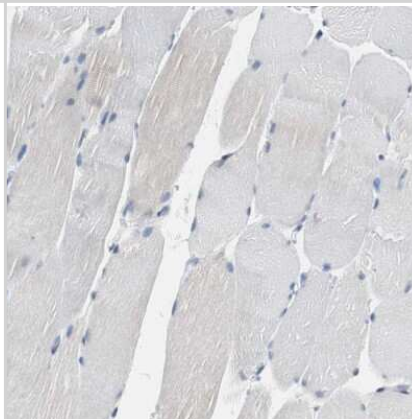
Western Blot: TSC22D4 Antibody [NBP1-80688] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



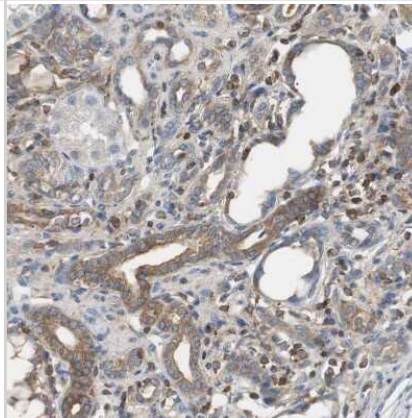
Immunocytochemistry/Immunofluorescence: TSC22D4 Antibody [NBP1-80688] - Staining of human cell line A-431 shows positivity in cytoplasm.



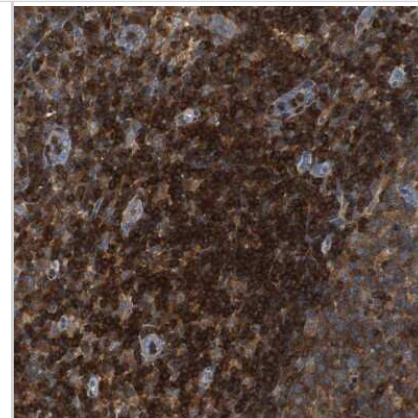
Immunohistochemistry-Paraffin: TSC22D4 Antibody [NBP1-80688] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



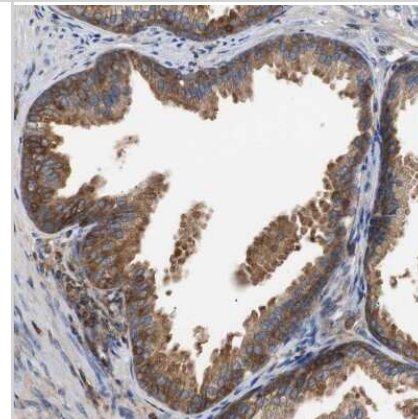
Immunohistochemistry-Paraffin: TSC22D4 Antibody [NBP1-80688] - Staining of human kidney shows weak cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: TSC22D4 Antibody [NBP1-80688] - Staining of human lymph node shows strong cytoplasmic positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: TSC22D4 Antibody [NBP1-80688] - Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



Publications

Sharma K, Kumar S, Prakash R et al. Chebulinic acid alleviates LPS-induced inflammatory bone loss by targeting the crosstalk between reactive oxygen species/NFκB signaling in osteoblast cells *Free radical biology & medicine* 2022-11-21 [PMID: 36423891] (WB, Mouse)

Yang B, Gelfanov VM, El K et al. Discovery of a potent GIPR peptide antagonist that is effective in rodent and human systems *Molecular metabolism* 2022-11-15 [PMID: 36400403]

Homig-Holzel C, van Doorn R, Vogel C et al. Antagonistic TSC22D1 variants control BRAFE600-induced senescence. *EMBO J* 2011-05-04 [PMID: 21448135]



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Products Related to NBP1-80688

NBP1-80688PEP	TSC22D4 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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