

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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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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

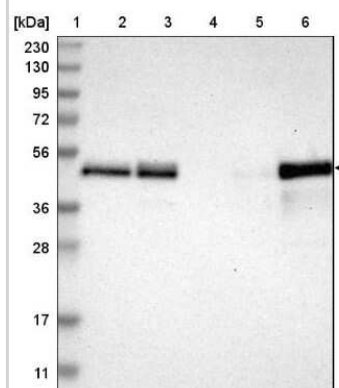
Host	Rabbit
Gene ID	81628
Gene Symbol	TSC22D4
Species	Human
Reactivity Notes	Mouse (82%), Rat (82%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TPLPSLRVEAEAGGSGARTPPLSRRKAVIDMRLRMELGAPEEMGQVPPLDSRP SSPALYFTHDASLVHKSPDPFGAVAAQKFSLAHSMMLAISGHLDSDDSGSGSL VGIDNKIEQAMDVLKSHLMF

Product Application Details

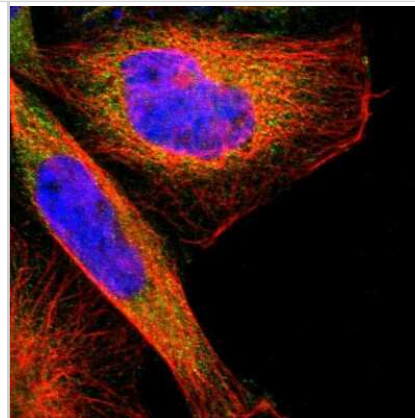
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500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

Images

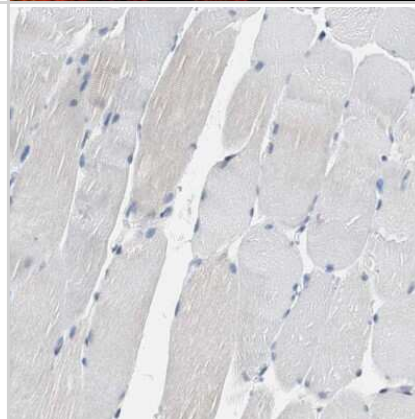
Western Blot: TSC22D4 Antibody [NBP1-80688] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



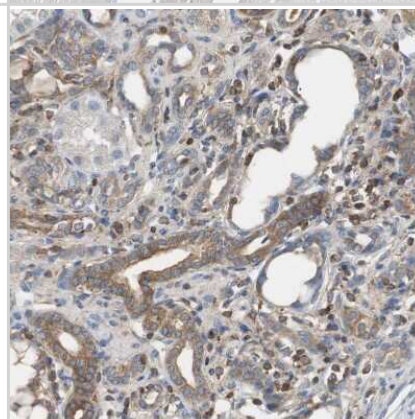
Immunocytochemistry/Immunofluorescence: TSC22D4 Antibody [NBP1-80688] - Staining of human cell line A-431 shows positivity in cytoplasm.



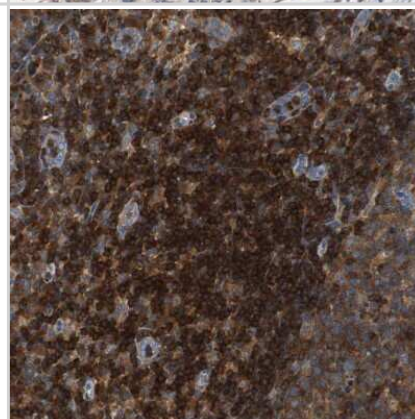
Immunohistochemistry-Paraffin: TSC22D4 Antibody [NBP1-80688] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



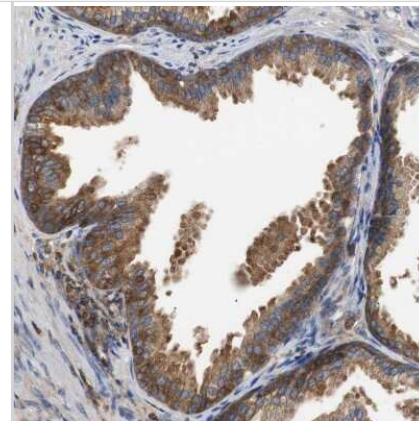
Immunohistochemistry-Paraffin: TSC22D4 Antibody [NBP1-80688] - Staining of human kidney shows weak cytoplasmic positivity in cells in tubules.



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-80688

NBP1-80688PEP	TSC22D4 Recombinant Protein Antigen
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

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