

Datasheet for ABIN2779279

**anti-TSC22D4 antibody (N-Term)**

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## Overview

Quantity:	100 µL
Target:	TSC22D4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Guinea Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSC22D4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TSC22D4
Sequence:	SGGKKKSSFQ ITSVTTDYEG PGSPGASDPP TPQPPTGPPP RLPNGEPSPD
Predicted Reactivity:	Dog: 90%, Guinea Pig: 93%, Human: 100%, Rat: 77%
Characteristics:	This is a rabbit polyclonal antibody against TSC22D4. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	TSC22D4
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## Target Details

Alternative Name:	TSC22D4 ( <a href="#">TSC22D4 Products</a> )
Background:	<p>TSC22D4 is a leucine zipper-containing protein that is highly conserved during evolution. It is transcriptionally up-regulated by many different stimuli, including anti-cancer drugs and growth inhibitors. TSC22D4 may play a suppressive role in tumorigenesis.</p> <p>Alias Symbols: THG1, THG-1, TILZ2</p> <p>Protein Interaction Partner: NRBP2, KRT40, CCDC146, TEX11, PIH1D1, ZMYND10, APIP, NRBP1, MYLIP, ZBTB24, POLR1C, BLZF1, PRKAA2, PRKAA1, PPL, PIN1, MAD2L1, LMO2, GOLGA2, AES, BZRAP1, KEAP1, SMAD3, LBP, KPNA2, CLU, SACS, AIFM1, PRNP, PCBP1, ZNF580, SYT17, LNX1, NOC4L, ENKD1, FRMD6, LRP2</p> <p>Protein Size: 395</p>
Molecular Weight:	41 kDa
Gene ID:	81628
NCBI Accession:	<a href="#">NM_030935</a> , <a href="#">NP_112197</a>
UniProt:	<a href="#">Q9Y3Q8</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 395 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

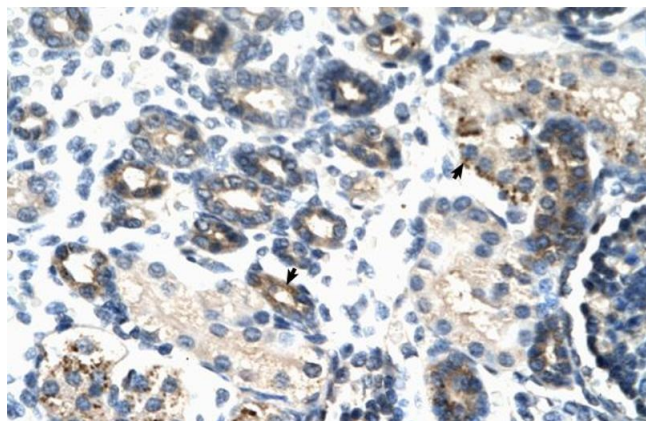
## Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

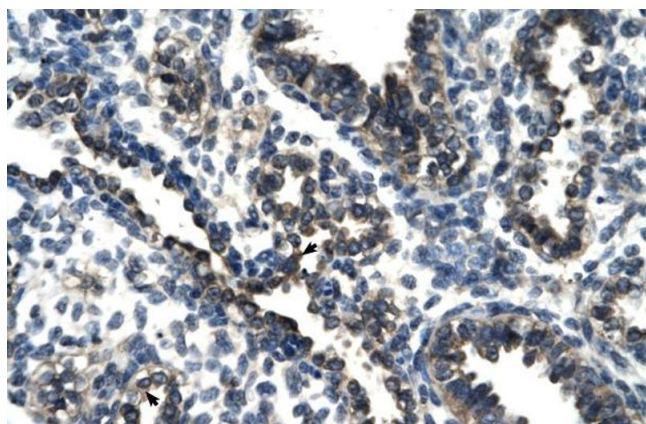
Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

## Images



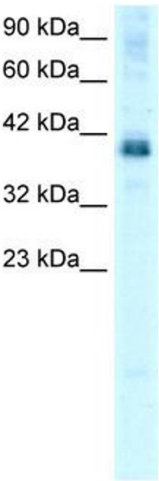
### Immunohistochemistry

**Image 1.** Rabbit Anti-TSC22D4 Antibody Catalog Number: ARP30107 Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



### Immunohistochemistry

**Image 2.** Rabbit Anti-TSC22D4 Antibody Catalog Number: ARP30107 Paraffin Embedded Tissue: Human Lung Cellular Data: Alveolar cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

**Image 3.** WB Suggested Anti-TSC22D4 Antibody Titration:  
0.5ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate