

Datasheet for ABIN2780045

anti-TSC22D4 antibody (N-Term)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TSC22D4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Guinea Pig, Dog, Rabbit, Horse, Pig
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 mouse Tsc22d4
Sequence:	GSPGASDSPV PPALAGPPPR LPNGDPNPDP GGRGTPRNGS PPPGAPASRF
Predicted Reactivity:	Cow: 79%, Dog: 77%, Guinea Pig: 92%, Horse: 86%, Human: 92%, Mouse: 100%, Pig: 93%, Rabbit: 86%, Rat: 100%
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 (TSC22D4 Products)
Background:	Tsc22d4 may be a transcriptional repressor. Alias Symbols: 0610009M14Rik, 1700023B23Rik, Thg-1pit, Tilz2, AI415410 Protein Interaction Partner: Tlx3, Protein Size: 387
Molecular Weight:	43 kDa
Gene ID:	78829
NCBI Accession:	NM_023910 , NP_076399
UniProt:	Q9EQN3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 387 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
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

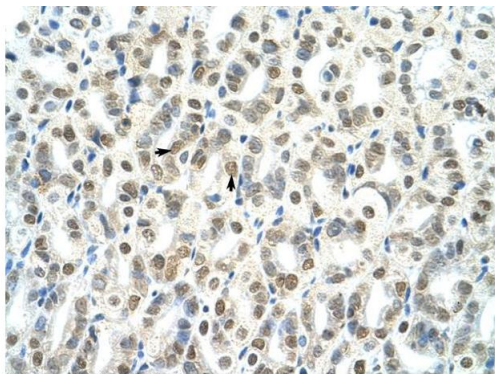
Product cited in:	Renaud, Chakraborty, Mason, Rumi, Vivian, Soares: "OVO-like 1 regulates progenitor cell fate in
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human trophoblast development." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 112, Issue 45, pp. E6175-84, (2015) ([PubMed](#)).



Western Blotting

Image 1. WB Suggested Anti-Tsc22d4 Antibody Titration:
5.0ug/ml Positive Control: SP2/0 cell lysate



Immunohistochemistry

Image 2. Mouse stomach

Rabbit Anti-Tsc22d4 Antibody
Catalog Number: ARP37339
Lot Number: QC11242
Paraffin Embedded Tissue: Mouse Stomach
Cells with Positive label: Epithelial cells of fundic gland (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X