Datasheet for ABIN2782100

anti-TMTC4 antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	TMTC4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Dog, Horse, Mouse, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMTC4 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 TMTC4
Sequence:	NKDLQAETPL GDLWHHDFWG SRLSSNTSHK SYRPLTVLTF RINYYLSGGF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against TMTC4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TMTC4

Target Details

Alternative Name:	TMTC4 (TMTC4 Products)
Background:	It belongs to the TMTC family. Its exact function remains unknown. Alias Symbols: FLJ14624, FLJ22153 Protein Interaction Partner: ELAVL1, Protein Size: 760
Molecular Weight:	85 kDa
Gene ID:	84899
NCBI Accession:	NM_032813, NP_116202
UniProt:	Q5T4D3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 760 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.

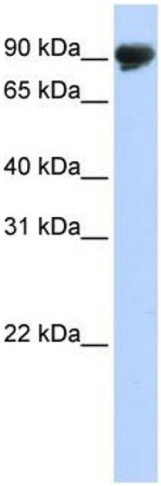
Publications

Product cited in:	Derebecka-Holysz, Lehmann, Holysz, Trzeciak: "SMAD3 inhibits SF-1-dependent activation of

Publications

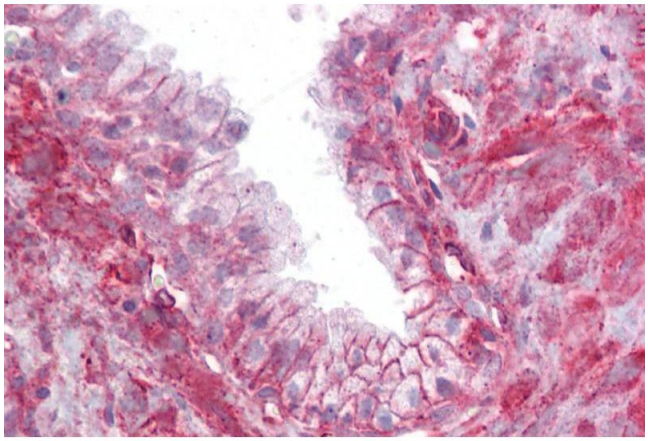
the CYP17 promoter in H295R cells." in: **Molecular and cellular biochemistry**, Vol. 307, Issue 1-2, pp. 65-71, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-TMTC4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate



Immunohistochemistry

Image 2. Immunohistochemistry with Prostate tissue at an antibody concentration of 5µg/ml using anti-TMTC4 antibody (ARP45026_P050)