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Datasheet for ABIN2783823
anti-TMX4 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	TMX4
Binding Specificity:	C-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMX4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TXNDC13
Sequence:	GVDEERSEAN DQGPPGEDGV TREEVEPEEA EEGISEQPCP ADTEVVEDSL
Predicted Reactivity:	Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against TXNDC13. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TMX4
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Target Details

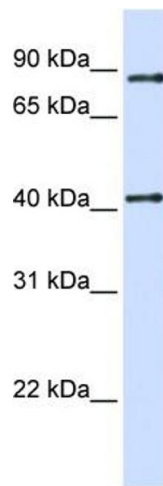
Alternative Name:	TXNDC13 (TMX4 Products)
Background:	<p>TXNDC13 is a single-pass type I membrane protein. It contains 1 thioredoxin domain. The exact function of TXNDC13 remains unknown.</p> <p>Alias Symbols: DJ971N18.2, KIAA1162, PDIA14, TXNDC13</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 349</p>
Molecular Weight:	39 kDa
Gene ID:	56255
NCBI Accession:	NM_021156 , NP_066979
UniProt:	Q9H1E5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 349 AA
Restrictions:	For Research Use only

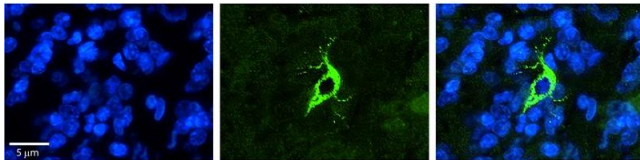
Handling

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.



Western Blotting

Image 1. WB Suggested Anti-TXNDC13 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate There is BioGPS gene expression data showing that TMX4 is expressed in HEK293T



Immunohistochemistry

Image 2. Rabbit Anti-TMX4 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Cytoplasmic in cell bodies and processes of pinealocytes Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec