

Datasheet for ABIN2779590
anti-T-Box 19 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	T-Box 19 (TBX19)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 19 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 TBX19
Sequence:	KPSDGTVSHL LNVVESELQA GREKGDPTK QLQIILEDAP LWQRFKEVTN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TBX19. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	T-Box 19 (TBX19)
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Target Details

Alternative Name:	TBX19 (TBX19 Products)
Background:	<p>TBX19 is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. TBX19 is the human ortholog of mouse Tbx19/Tpit gene. Studies in mouse show that Tpit protein is present only in the two pituitary pro-opiomelanocortin (POMC)-expressing lineages, the corticotrophs and melanotrophs. Mutations in the human ortholog were found in patients with isolated deficiency of pituitary POMC-derived ACTH, suggesting an essential role for this gene in differentiation of the pituitary POMC lineage.</p> <p>Alias Symbols: TPIT, TBS19, dJ747L4.1</p> <p>Protein Interaction Partner: NR5A1,</p> <p>Protein Size: 448</p>
Molecular Weight:	48 kDa
Gene ID:	9095
NCBI Accession:	NM_005149 , NP_005140
UniProt:	O60806

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 448 AA
Restrictions:	For Research Use only

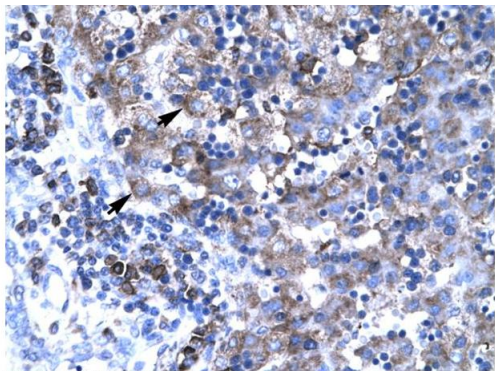
Handling

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.

Handling

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.

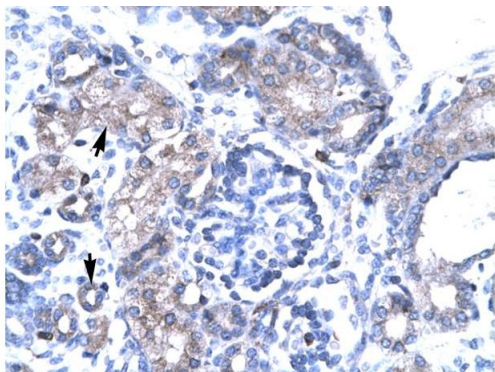
Images



Rabbit Anti-TBX19 Antibody
Catalog Number: ARP32363
Lot Number: QC1819
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Hepatocyte (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Human Liver



Rabbit Anti-TBX19 Antibody
Catalog Number: ARP32363
Lot Number: QC1819
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human kidney



Western Blotting

Image 3. WB Suggested Anti-TBX19 Antibody Titration: 1.0-1.5ug/ml Positive Control: Jurkat cell lysate