

Datasheet for ABIN2460436

anti-T-Box 19 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	T-Box 19 (TBX19)
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TBX19.
Purification:	Antibody is supplied as total IgG.

Target Details

Target:	T-Box 19 (TBX19)
Alternative Name:	TBX19 (TBX19 Products)
Background:	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

Target Details

	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.
Molecular Weight:	48 kDa
Gene ID:	9095
NCBI Accession:	NP_005140
UniProt:	O60806

Application Details

Application Notes:	TBX19 antibody can be used for detection of TBX19 by ELISA at 1:62500. TBX19 antibody can be used for detection of TBX19 by western blot at 1.0-1.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 200 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store TBX19 antibody at -20 °C.



Western Blotting

Image 1.