

Datasheet for ABIN7297518
anti-T-Box 15/18 antibody (Center)

3 Images

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Overview

Quantity:	100 µL
Target:	T-Box 15/18 (TBX15/18)
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Chicken, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 15/18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TBX15/18.
Specificity:	Recognizes endogenous levels of TBX15/18 protein.
Characteristics:	Rabbit polyclonal antibody to TBX15/18
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	T-Box 15/18 (TBX15/18)
Alternative Name:	TBX15/18 (TBX15/18 Products)

Target Details

Background:	TBX18, T-box transcription factor TBX18, T-box protein 18, TBX15, TBX14, T-box transcription factor TBX15, T-box protein 15, T-box transcription factor TBX14, T-box protein 14
Gene ID:	9096, 76365, 21384
UniProt:	O95935 , Q96SF7 , Q9EPZ6 , O70306

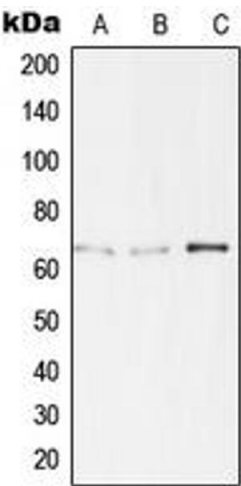
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500), IP (1:10 - 1:100)
Restrictions:	For Research Use only

Handling

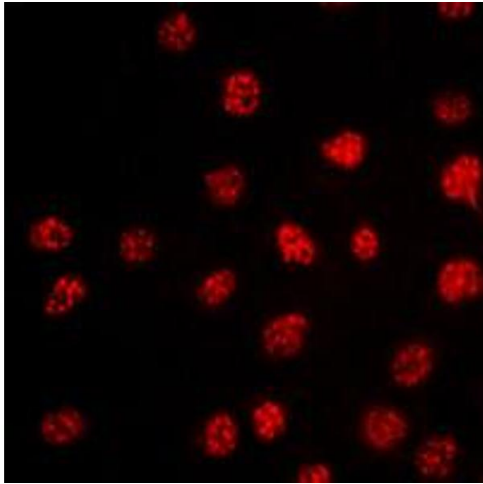
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



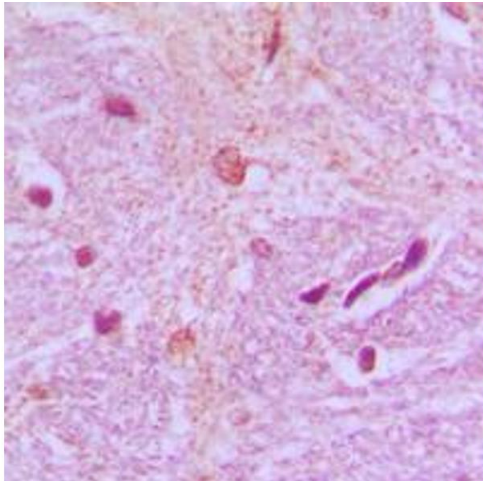
Western Blotting

Image 1. Western blot analysis of TBX15/18 expression in Jurkat (A), HepG2 (B), LOVO (C) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of TBX15/18 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemistry

Image 3. Immunohistochemical analysis of TBX15/18 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.