



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

TBX20 (M) Antibody, Rabbit Polyclonal

Cat#: R1842-1

Quantity: 100 ul

Predicted | Observed M.W.: 49 kDa

Lot#: Refer to vial

Application: WB, IP

Uniprot ID: Q9UMR3

Background:

TBX20 is a member of the T-box family of transcription factors. TBX20 is a nuclear protein containing 1 T-box DNA-binding domain. Studies in mouse, human and fruitfly have shown that TBX20 is essential for early heart development, adult heart function and yolk sac vasculature remodeling and has been associated with congenital heart diseases. Proper function of TBX20 is essential because it controls genes that regulate cardiomyocyte proliferation, such as Tbx2 and N-myc1. TBX20 is also required for migration of hindbrain motor neurons; while in facial neurons, TBX20 is proposed to be a positive regulator of the non-canonical Wnt signaling pathway. Defects in TBX20 are the cause of atrial septal defect type 4 (ASD4).

Other Names:

T-box transcription factor TBX20, T-box protein 20

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human TBX20. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

IP: 1:100-1:200

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

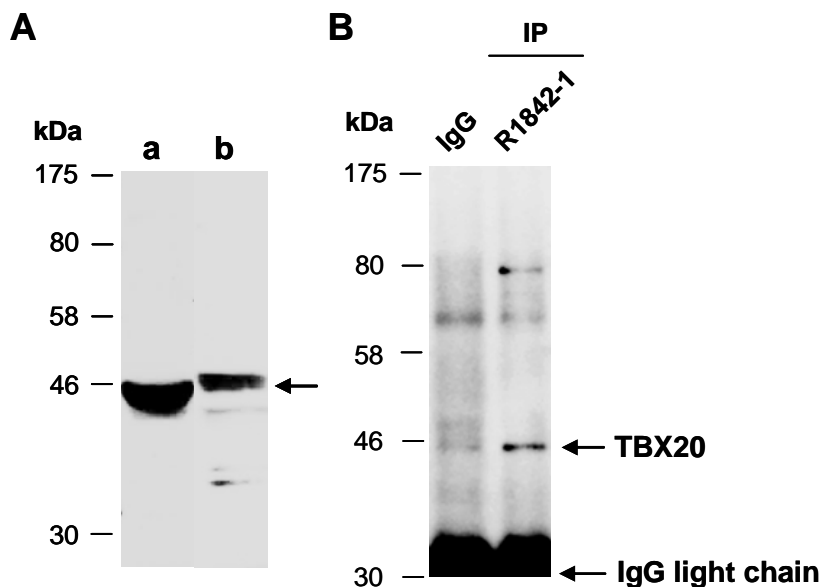


Fig 1. (A) Western blot of total cell extracts from a. mouse brain, b. human Jurkat; using anti-TBX20 (M) (R1842-1) at RT for 2 h. **(B)** Total extracts from human Jurkat cells were immunoprecipitated (IP) with IgG or anti-TBX20 (M) (R1842-1); followed by WB with the same Ab and Rabbit IgG light chain-specific 2nd antibody.