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Datasheet for ABIN7155852
anti-TGIF1 antibody (AA 8-375)

3 Images

Overview

Quantity:	100 µg
Target:	TGIF1
Binding Specificity:	AA 8-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGIF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Homeobox protein TGIF1 protein (8-375AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	TGIF1
Alternative Name:	TGIF1 (TGIF1 Products)
Background:	Background: Binds to a retinoid X receptor (RXR) responsive element from the cellular retinol-binding protein II promoter (CRBP-II-RXRE). Inhibits the 9-cis-retinoic acid-dependent RXR alpha

Target Details

transcription activation of the retinoic acid responsive element. Active transcriptional corepressor of SMAD2. Links the nodal signaling pathway to the bifurcation of the forebrain and the establishment of ventral midline structures. May participate in the transmission of nuclear signals during development and in the adult, as illustrated by the down-modulation of the RXR alpha activities.

Aliases: 5' TG 3' interacting factor antibody, 5"-TG-3"-interacting factor 1 antibody, Homeobox protein TGIF antibody, Homeobox protein TGIF1 antibody, HPE4 antibody, MGC39747 antibody, MGC5066 antibody, TALE homeobox TG-interacting factor antibody, TG interacting factor isoform c antibody, TG-interacting factor antibody, TGFB induced factor antibody, TGFB-induced factor homeobox 1 antibody, TGIF1 antibody, TGIF1_HUMAN antibody, transforming growth factor-beta-induced factor antibody

UniProt: [Q15583](#)

Pathways: [Retinoic Acid Receptor Signaling Pathway](#), [Chromatin Binding](#), [Tube Formation](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

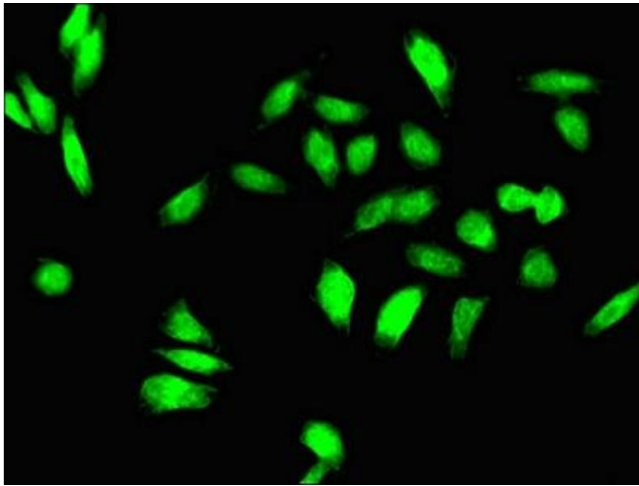
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

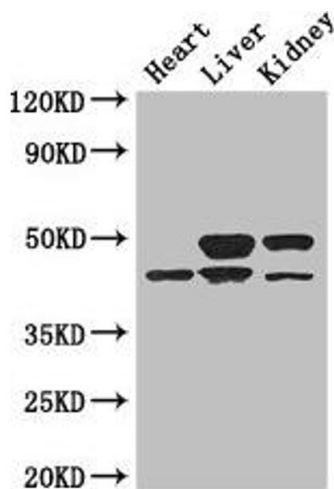
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



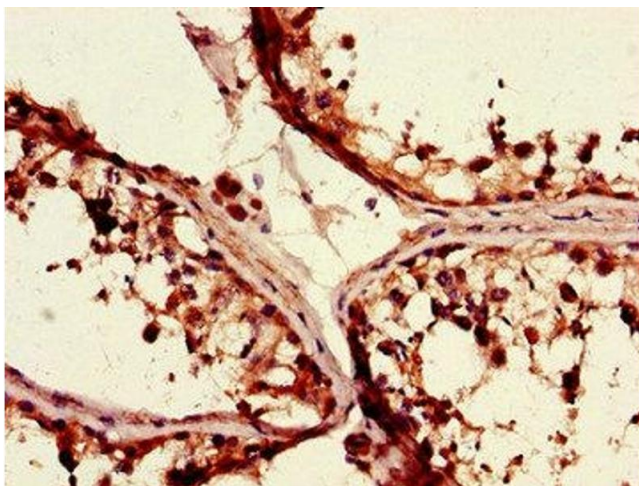
Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7155852 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse heart tissue, Mouse liver tissue, Mouse kidney tissue All lanes: TGIF1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44, 30, 32, 28 kDa Observed band size: 44, 50 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7155852 at dilution of 1:100