

Datasheet for ABIN7306812
anti-Tropomodulin 4 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	Tropomodulin 4 (TMOD4)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tropomodulin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human Tropomodulin-4
Specificity:	Recognizes endogenous levels of Tropomodulin-4 protein.
Characteristics:	Rabbit polyclonal antibody to Tropomodulin-4
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Tropomodulin 4 (TMOD4)
Alternative Name:	Tropomodulin-4 (TMOD4 Products)
Background:	Tropomodulin-4, Skeletal muscle tropomodulin, Sk-Tmod
Gene ID:	29765, 50874

Target Details

UniProt: [Q9NZQ9](#), [Q9JLH8](#)

Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (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

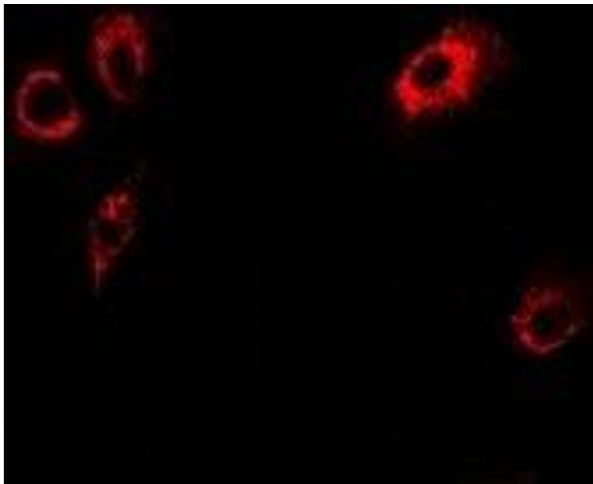
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

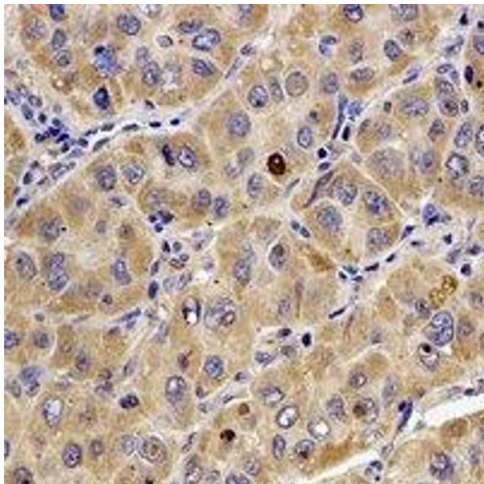
Expiry Date: 12 months

Images



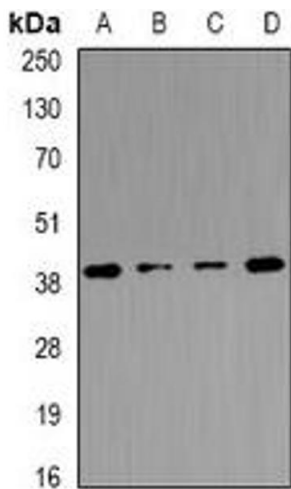
Immunofluorescence

Image 1. Immunofluorescent analysis of Tropomodulin-4 staining in U2OS 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



Immunohistochemistry

Image 2. Immunohistochemical analysis of Tropomodulin-4 staining in human liver cancer 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 incu



Western Blotting

Image 3. Western blot analysis of Tropomodulin-4 expression in mouse heart (A), mouse skeletal muscle (B), mouse brain (C), rat skeletal muscle (D) whole cell lysates.