Datasheet for ABIN7305880

anti-TUBA4A antibody

2 Images

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Overview

Quantity:	100 µL
Target:	TUBA4A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBA4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

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

Target Details

Target:	TUBA4A
Alternative Name:	alpha-Tubulin 4a (TUBA4A Products)
Background:	TUBA1, Tubulin alpha-4A chain, Alpha-tubulin 1, Testis-specific alpha-tubulin, Tubulin H2-alpha, Tubulin alpha-1 chain
Gene ID:	7277, 22145, 316531

Target Details

UniProt:	P68366, P68368, Q5XIF6
Pathways:	Microtubule Dynamics, M Phase

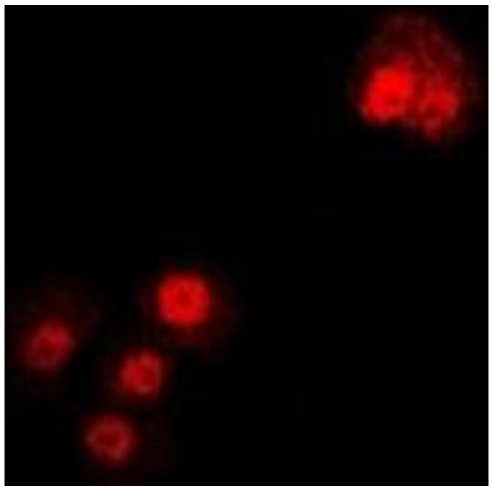
Application Details

Application Notes:	WB (1:500 - 1:2000), IF/IC (1:10 - 1:100)
Restrictions:	For Research Use only

Handling

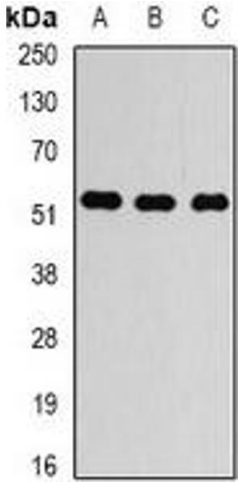
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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 Alpha-tubulin 4a 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 primar



Western Blotting

Image 2. Western blot analysis of Alpha-tubulin 4a expression in LOVO (A), HEK293T (B), HUVEC (C) whole cell lysates.