Datasheet for ABIN5533008

anti-TUBA1C antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	400 µL
Target:	TUBA1C
Binding Specificity:	AA 26-60, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBA1C antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This TUBA1C antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 26-60 amino acids from the N-terminal region of human TUBA1C.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TUBA1C
Alternative Name:	TUBA1C (TUBA1C Products)
Background:	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.

Target Details

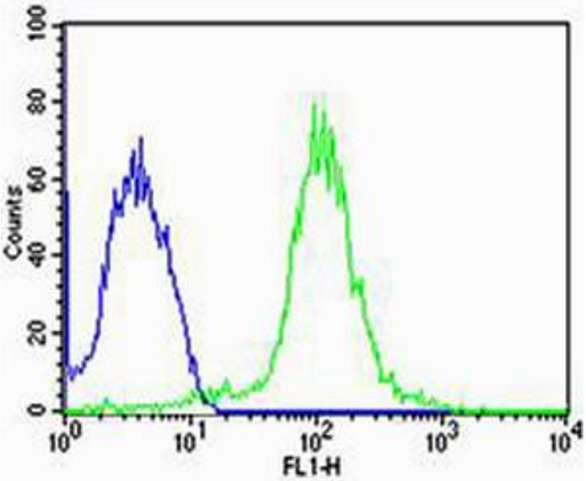
Molecular Weight:	50 kDa
Gene ID:	84790
UniProt:	Q9BQE3
Pathways:	Microtubule Dynamics, M Phase

Application Details

Application Notes:	For FACS starting dilution is: 1:25 For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

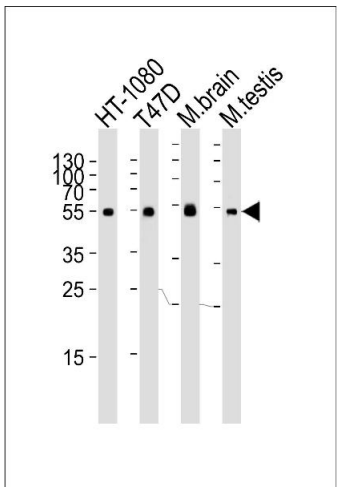
Handling

Format:	Liquid
Concentration:	0.48 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Flow Cytometry

Image 1. Flow cytometric analysis of MCF-7 cells using TUBA1C Antibody (N-term)(green) compared to an isotype control of rabbit IgG(blue). Antibody was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of lysates from HT-1080, T47D cell line, mouse brain and testis tissue lysate (from left to right), using TUBA1C Antibody at 1:1000 at each lane.