

Anti-RASAL2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse)
Molecular Weight:	Theoretical: 129 kDa. Actual: 170 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: Lane 1: Hela (Human) Cell Lysate at 30 µg Lane 2: MDA-MB-231 (Human) Cell Lysate at 30 µg Lane 3: MKN45 (Human) Cell Lysate at 30 µg Lane 4: HepG2 (Human) Cell Lysate at 30 µg Primary: Anti-RASAL2 (TMAB-12106) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 129 kD Observed band size: 170 kD</p> <p>2. Blank control: A431. Primary Antibody (green line): Rabbit Anti-RASAL2 antibody (TMAB-12106) Dilution: 2 µg/Test; Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 0.5 µg/Test. Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.</p>
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 2µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human RASAL2
Antigen Species: Human
Gene ID: 9462
Uniprot ID: Q9UJF2

Research Background

This gene encodes a protein that contains the GAP-related domain (GRD), a characteristic domain of GTPase-activating proteins (GAPs). GAPs function as activators of Ras superfamily of small GTPases. The protein encoded by this gene is able to complement the defective RasGAP function in a yeast system. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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