

**bs-21160R****[ Primary Antibody ]****RASAL2 Rabbit pAb****BioSS**  
ANTIBODIES

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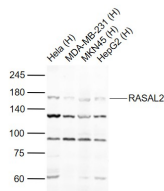
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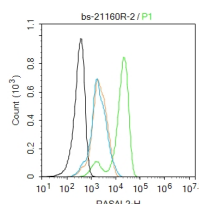
400-901-9800

**DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) Flow-Cyt (2ug/Test)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse
<b>GeneID:</b> 9462	<b>SWISS:</b> Q9UJF2	
<b>Target:</b> RASAL2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human RASAL2: 611-710/1139.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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]		
		<b>Predicted MW.:</b> 129 kDa
		<b>Subcellular Location:</b> Cytoplasm

**VALIDATION IMAGES**

Sample: Lane 1: HeLa (Human) Cell Lysate at 30 ug  
 Lane 2: MDA-MB-231 (Human) Cell Lysate at 30 ug  
 Lane 3: MKN45 (Human) Cell Lysate at 30 ug  
 Lane 4: HepG2 (Human) Cell Lysate at 30 ug  
 Primary: Anti-RASAL2 (bs-21160R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 129 kD  
 Observed band size: 170 kD



Blank control: A431. Primary Antibody (green line): Rabbit Anti-RASAL2 antibody (bs-21160R)  
 Dilution: 2ug/Test; Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test.  
 Protocol The cells were fixed with 4% PFA (10min 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.

**SELECTED CITATIONS**

- **[IF=5.646]** Zhang W et al. IPO5 promotes the proliferation and tumorigenicity of colorectal cancer cells by mediating RASAL2 nuclear transportation. J Exp Clin Cancer Res. 2019 Jul 9;38(1):296. IHC ;Human. 31288861