

For Research Use Only

# ITFG2 Polyclonal antibody

Catalog Number: 32836-1-AP



## Basic Information

<b>Catalog Number:</b> 32836-1-AP	<b>GenBank Accession Number:</b> BC006552	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55846	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q969R8	
<b>Isotype:</b> IgG	<b>Full Name:</b> integrin alpha FG-GAP repeat containing 2	
<b>Immunogen Catalog Number:</b> AG36829	<b>Calculated MW:</b> 49 kDa	
	<b>Observed MW:</b> 52 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HL-60 cells, MOLT-4 cells
<b>Species Specificity:</b> human	

## Background Information

Integrin-alpha FG-GAP repeat-containing protein 2 (ITFG2) is an immune-modulatory intracellular protein that modulates the fate of B cells and negatively regulates mTORC1 signaling (PMID: 23997217; 28199306). ITFG2 is highly expressed in the heart, which may be a novel strategy for the clinical management of myocardial infarction (PMID: 38848780).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

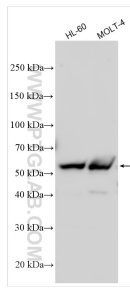
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32836-1-AP (ITFG2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.