

For Research Use Only

# ARHGEF5 Polyclonal antibody

Catalog Number: 11379-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 11379-1-AP	<b>GenBank Accession Number:</b> BC010046	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 300 µg/ml	<b>GeneID (NCBI):</b> 7984	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q12774	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>Full Name:</b> Rho guanine nucleotide exchange factor (GEF) 5	IHC 1:50-1:500
<b>Immunogen Catalog Number:</b> AG1892	<b>Calculated MW:</b> 177 kDa	IF 1:50-1:500
	<b>Observed MW:</b> 60 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**  
WB, IF, IHC

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** MCF7 cells, HEK-293 cells, HeLa cells, human kidney tissue, human liver tissue, mouse kidney tissue, mouse liver tissue, rat kidney tissue

**IP:** mouse kidney tissue,

**IHC:** human lung cancer tissue,

**IF:** HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Hye-Kyung Lee	26358398	Cell Biochem Funct	WB
Hye-Kyung Lee	25911094	J Biol Chem	WB, IF
He Ping P	24126923	Oncol Rep	IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

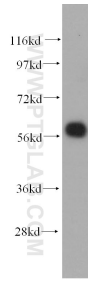
T: 4006900926

E: Proteintech-CN@ptglab.com

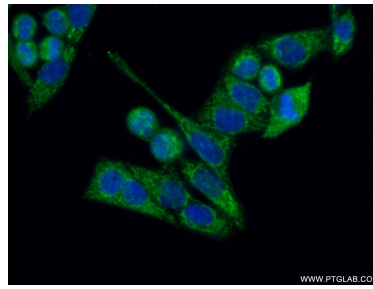
W: ptgcn.com

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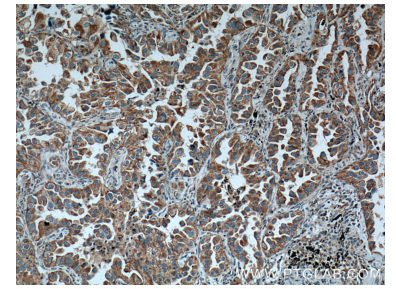
## Selected Validation Data



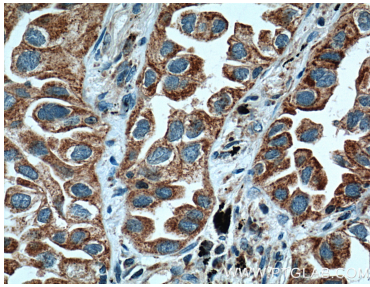
MCF7 cells were subjected to SDS PAGE followed by western blot with 11379-1-AP (ARHGEF5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



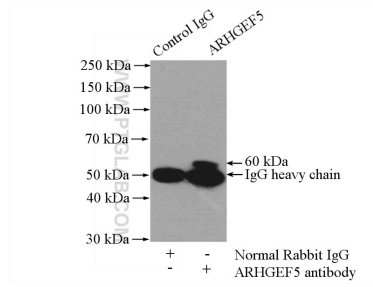
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 11379-1-AP (ARHGEF5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11379-1-AP (ARHGEF5 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11379-1-AP (ARHGEF5 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-ARHGEF5 (IP:11379-1-AP, 4ug; Detection:11379-1-AP 1:500) with mouse kidney tissue lysate 4000ug.