

# ARHGEF18 Polyclonal antibody

Catalog Number: 11243-1-AP

## Basic Information

**Catalog Number:**

11243-1-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1749

**GenBank Accession Number:**

BC014994

**GeneID (NCBI):**

23370

**UNIPROT ID:**

Q6ZSZ5

**Full Name:**

rho/rac guanine nucleotide exchange factor (GEF) 18

**Calculated MW:**

131 kDa

**Observed MW:**

120-130 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**Species Specificity:**

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 : mouse testis tissue,

IHC : mouse kidney tissue, human kidney tissue, human prostate cancer tissue

IF/ICC : HEK-293 cells,

## Background Information

### Storage

**Storage:**

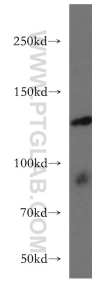
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

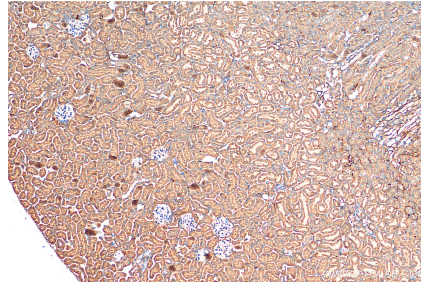
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

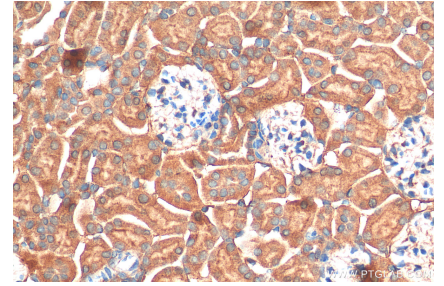
## Selected Validation Data



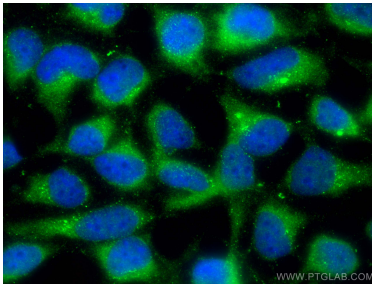
mouse testis tissue were subjected to SDS PAGE followed by western blot with 11243-1-AP (ARHGEF18 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 11243-1-AP (ARHGEF18 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 mouse kidney tissue slide using 11243-1-AP (ARHGEF18 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using ARHGEF18 antibody (11243-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).