

For Research Use Only

# EPAC2 Polyclonal antibody

Catalog Number: 19103-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

19103-1-AP

**Size:**

150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG5186

**GenBank Accession Number:**

BC024004

**GeneID (NCBI):**

11069

**UNIPROT ID:**

Q8WZA2

**Full Name:**

Rap guanine nucleotide exchange factor (GEF) 4

**Calculated MW:**

116 kDa

**Observed MW:**

110 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

IF, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

rat

**Positive Controls:**

WB : mouse brain tissue, rat brain tissue, HepG2 cells

IP : mouse brain tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yusuke Shiozaki-Takagi	38243676	J Diabetes Investig	WB, IF
Victoria Chaoul	36967707	J Cell Mol Med	WB

## 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

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

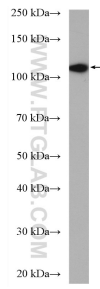
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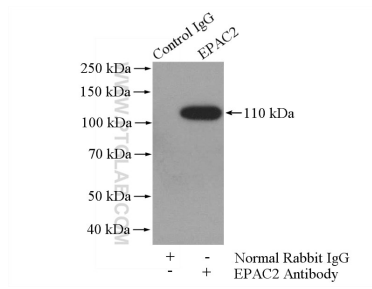
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 19103-1-AP (EPAC2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-EPAC2 (IP:19103-1-AP, 4ug; Detection:19103-1-AP 1:600) with mouse brain tissue lysate 2560ug.