

For Research Use Only

# FOXG1 Polyclonal antibody

Catalog Number: 12764-1-AP



## Basic Information

### Catalog Number:

12764-1-AP

### Size:

150ul , Concentration: 540 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3426

### GenBank Accession Number:

BC035020

### GeneID (NCBI):

2290

### UNIPROT ID:

P55316

### Full Name:

forkhead box G1

### Calculated MW:

489 aa, 52 kDa

### Observed MW:

60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : mouse testis tissue, mouse brain tissue, SH-SY5Y cells

## Background Information

Forkhead Box G1 (FOXG1) is a member of the Forkhead family of genes with non-redundant roles in brain development, where alteration of this gene's expression significantly affects the formation and function of the mammalian cerebral cortex. FOXG1 haploinsufficiency in humans is associated with prominent differences in brain size and impaired intellectual development noticeable in early childhood, while homozygous mutations are typically fatal.

## 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

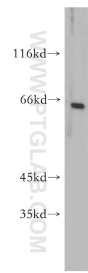
For technical support and original validation data for this product please contact:

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## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12764-1-AP (FOXG1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.