

FOXG1 Polyclonal antibody

Catalog Number: 12764-1-AP

Basic Information

Catalog Number:

12764-1-AP

Size:

253 µg/ml

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:

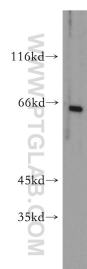
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.