For Research Use Only

FOXG1 Recombinant antibody

Catalog Number:85930-1-RR

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Uni-rAb
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Basic Information

Catalog Number:
85930-1-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG17169

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:
Protein A purification

CloneNo.:
250144E8

Recommended Dilutions:
WB 1:5000-1:50000
IF/ICC 1:400-1:1600

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IF/ICC : C6 cells,

Background Information

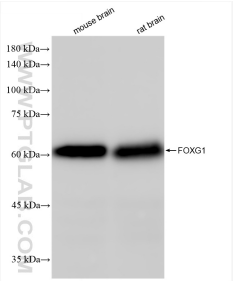
Forkhead Box G1 (FOXG1) is a member of the Forkhead family of genes with non-redundant roles in brain development, where alteration of this gene's expression significantly affects the formation and function of the mammalian cerebral cortex. FOXG1 haploinsufficiency in humans is associated with prominent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

Storage

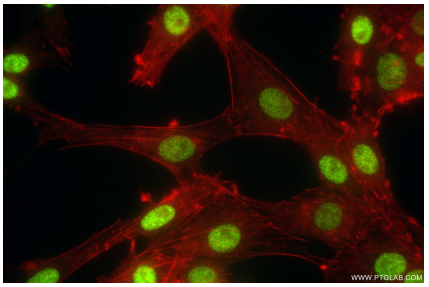
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85930-1-RR (FOXG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed C6 cells using FOXG1 antibody (85930-1-RR, Clone: 250144E8) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).