

For Research Use Only

FOXG1 Polyclonal antibody

Catalog Number: 12764-1-AP



Basic Information

Catalog Number: 12764-1-AP	GenBank Accession Number: BC035020	Purification Method: Antigen affinity purification
Size: 253 µg/ml	GeneID (NCBI): 2290	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P55316	
Isotype: IgG	Full Name: forkhead box G1	
Immunogen Catalog Number: AG3426	Calculated MW: 489 aa, 52 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, mouse brain tissue, SH-SY5Y cells
Species Specificity: human, mouse, rat	

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

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

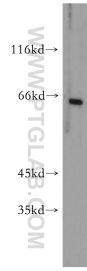
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Selected Validation Data



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.