

For Research Use Only

POU3F4 Polyclonal antibody

Catalog Number: 25114-1-AP **1 Publications**



Basic Information

Catalog Number: 25114-1-AP	GenBank Accession Number: BC146551	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 5456	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: P49335	
Isotype: IgG	Full Name: POU class 3 homeobox 4	
Immunogen Catalog Number: AG18925	Calculated MW: 361 aa, 39 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : fetal human brain tissue,
Cited Applications: IF	
Species Specificity: human, mouse	
Cited Species: mouse	

Background Information

OTF9 also named as BRN4 and POU3F4, belongs to the POU transcription factor family and Class-3 subfamily. OTF9 is a transcription factor which exerts its primary action widely during early neural development and in a very limited set of neurons in the mature brain. Mutation of OTF9 will cause of X-linked deafness type 3 (DFN3).

Notable Publications

Author	Pubmed ID	Journal	Application
Takumi Kishimoto	38229076	J Biol Eng	IF

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:

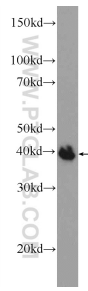
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Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 25114-1-AP (POU3F4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.