

For Research Use Only

POU3F4 Polyclonal antibody

Catalog Number: 25114-1-AP

1 Publications



Basic Information

Catalog Number:

25114-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18925

GenBank Accession Number:

BC146551

GeneID (NCBI):

5456

UNIPROT ID:

P49335

Full Name:

POU class 3 homeobox 4

Calculated MW:

361 aa, 39 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : fetal human brain tissue,

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

*** 20ul sizes contain 0.1% BSA

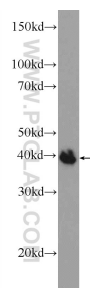
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Selected Validation Data



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.