

For Research Use Only

# FOXD4 Polyclonal antibody

Catalog Number: 24835-1-AP



## Basic Information

### Catalog Number:

24835-1-AP

### Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 440 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19226

### GenBank Accession Number:

BC136570

### GeneID (NCBI):

2298

### UNIPROT ID:

Q12950

### Full Name:

forkhead box D4

### Calculated MW:

439 aa, 47 kDa

### Observed MW:

65-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : NIH/3T3 cells, Jurkat cells, RAW 264.7 cells, U-937 cells

## Background Information

Forkhead box protein D4(FOXD4)also named as FKHL9 or Myeloid factor alpha is a 439 amino acid protein, which contains one fork head DNA-binding domain. FOXD4L6 localizes in the nucleus. FOXD4 as an embryonic transcriptional regulator involves in leukemogenesis. The molecular weight of FOXD4L6 is 47kDa, but our experiment always detected a 60-70kDa protein by western blot.

## 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

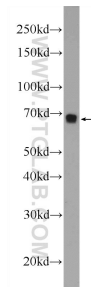
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## Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 24835-1-AP (FOXD4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.