

For Research Use Only

# TBX22 Polyclonal antibody

Catalog Number: 11133-1-AP



## Basic Information

### Catalog Number:

11133-1-AP

### Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1591

### GenBank Accession Number:

BC014194

### GeneID (NCBI):

50945

### UNIPROT ID:

Q9Y458

### Full Name:

T-box 22

### Calculated MW:

58 kDa

### Observed MW:

45-55 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 : PC-3 cells, mouse testis tissue

## Background Information

The frontonasal mass gives rise to the facial midline and fuses with the maxillary prominence to form the upper lip. T-box transcription factor 22 (Tbx22) belongs to the T-box family of transcription factors, which is essential for normal craniofacial development [PMID: 20033915]. Mutation in TBX22 in the frontonasal mass is reported in families with X-linked cleft palate and ankyloglossia [PMID:19816249].

## 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

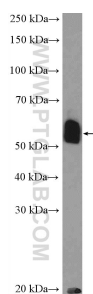
For technical support and original validation data for this product please contact:

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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 11133-1-AP (TBX22 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.