

# TBX4 Rabbit Polyclonal Antibody



CAB10691

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

60KDa

### Calculated MW:

60kDa

### Applications:

WB

### Reactivity:

Human, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human homolog of mouse Tbx4, which is closely linked to Tbx2 on mouse chromosome 11. Similarly this gene, like TBX2, maps to human chromosome 17. Expression studies in mouse and chicken show that Tbx4 is expressed in developing hindlimb, but not in forelimb buds, suggesting a role for this gene in regulating limb development and specification of limb identity.

## Immunogen information

### Gene ID:

9496

### Uniprot

P57082

### Synonyms:

TBX4; ICPPS; SPS; T-box 4

### Immunogen:

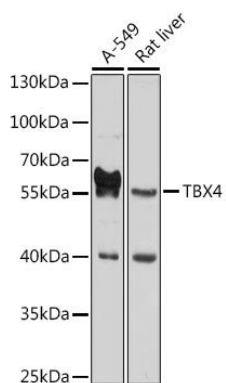
Recombinant fusion protein containing a sequence corresponding to amino acids 296-545 of human TBX4 (NP\_060958.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using TBX4 antibody (CAB10691) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.