

# HOXB7 Rabbit Polyclonal Antibody



CAB6925

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

24kDa

### Calculated MW:

24kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma.

## Immunogen information

### Gene ID:

3217

### Uniprot

P09629

### Synonyms:

HOXB7; HHO.C1; HOX2; HOX2C; Hox-2.3

### Immunogen:

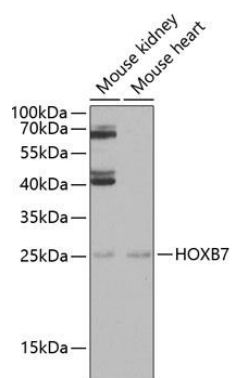
Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human HOXB7 (NP\_004493.3).

### Storage:

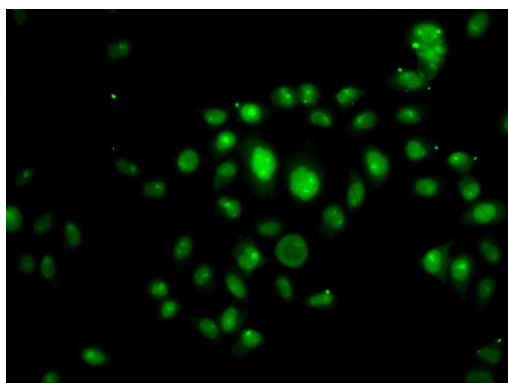
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using HOXB7 antibody (CAB6925) 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 Enhanced Kit (CABM00021). Exposure time: 15s.



Immunofluorescence analysis of U2OS cells using HOXB7 antibody (CAB6925).