

HOXB5 Rabbit Polyclonal Antibody



CAB8123

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

29kDa

Calculated MW:

29kDa

Applications:

WB IF

Reactivity:

Human

Protein Background

This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue.

Immunogen information

Gene ID:

3215

Uniprot

P09067

Synonyms:

HOXB5; HHO.C10; HOX2; HOX2A; HU-1; Hox2.1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

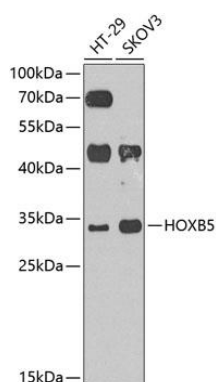
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human HOXB5 (NP_002138.1).

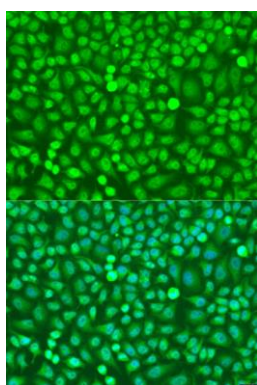
Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using HOXB5 antibody (CAB8123) 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: 90s.



Immunofluorescence analysis of U2OS cells using HOXB5 antibody (CAB8123) at dilution of 1:100. Blue: DAPI for nuclear staining.