

HOXB9 Rabbit pAb

Catalog No.: A10222

Basic Information

Catalog No.

A10222

Observed MW

28kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

WB, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

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

Contact

 | www.abclonal.com

Background

This gene is a member of the Abd-B 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 leukemia, prostate cancer and lung cancer.

Immunogen Information

Gene ID	Swiss Prot
3219	P17482

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human HOXB9 (NP_076922.1).

Synonyms

HOXB9;HOX-2.5;HOX2;HOX2E

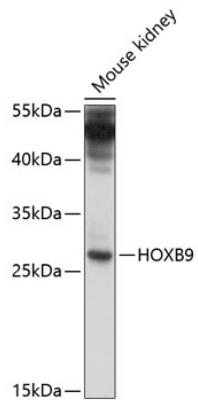
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

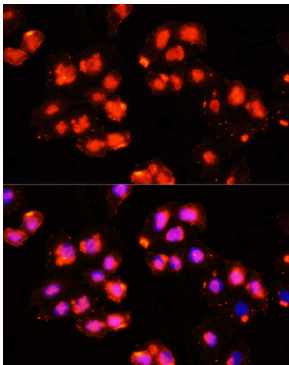
Storage

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

Validation Data



Western blot analysis of extracts of mouse kidney, using HOXB9 antibody (A10222) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.



Immunofluorescence analysis of HeLa cells using HOXB9 antibody (A10222) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.