

HoxB2 Polyclonal Antibody

YT2214 Catalog No:

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: HoxB2

Gene Name: HOXB2

Protein Name: Homeobox protein Hox-B2

P14652

P0C1T1

Human Gene Id: 3212

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen:

The antiserum was produced against synthesized peptide derived from human

HOXB2. AA range:41-90

HoxB2 Polyclonal Antibody detects endogenous levels of HoxB2 protein. **Specificity:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Formulation:

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

-15°C to -25°C/1 year(Do not lower than -25°C) **Storage Stability:**

Observed Band: 38kD

1/2



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 development. Increased expression of this gene is associated with pancreatic cancer. [provided by RefSeq, Jul 2008],

Function:

developmental stage:Expressed in whole embryos and fetuses at 5-9 weeks from conception.,function:Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.,similarity:Belongs to the Antp homeobox family. Proboscipedia subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,

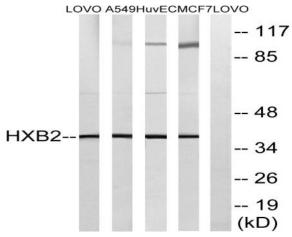
Subcellular Location:

Nucleus.

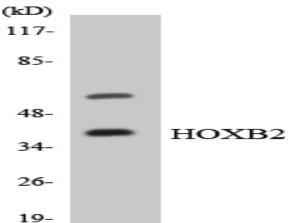
Expression:

Leukemia, Placenta,

Products Images



Western blot analysis of lysates from MCF-7, HUVEC, A549, and LOVO cells, using HOXB2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVECcells using HOXB2 antibody.