

HOXA5 polyclonal antibody

Catalog: BS61635

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

HoxA5 (previously identified as Hox-1.3) is a transcriptional regulator of multiple target genes, including p53 and the progesterone receptor. It is a potent transactivator of p53 and may affect the response of breast cancer cells to DNA damage. In primary breast carcinomas, loss of p53 expression is coupled with loss of HoxA5 expression, suggesting that the loss of HoxA5 expression is important in tumorigenesis. HoxA5 is dynamically expressed during gut development and organogenesis of the respiratory tract, and is continuously expressed from the neonatal period into adult stages in cerebellar Purkinje cells. Expression of HoxA5 is necessary for the region-specific differentiation of the endoderm and differentiation of the myeloid pathway. HoxA5 is also essential for correct specification of the cervical and upper thoracic region of the skeleton and for proper patterning of the embryo.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 29 kDa

Swiss-Prot:

P20719

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

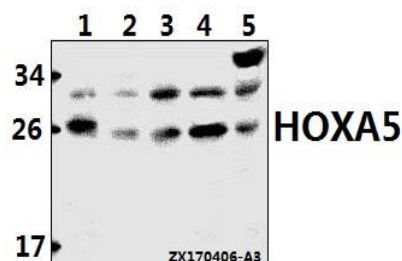
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

HOXA5 polyclonal antibody detects endogenous levels of HOXA5 protein.

DATA:



Western blot (WB) analysis of HOXA5 polyclonal antibody at 1:500 dilution

Lane1: COS-7 whole cell lysate(40ug)

Lane2: H1792 whole cell lysate(40ug)

Lane3: Panc1 whole cell lysate(40ug)

Lane4: MEF whole cell lysate(40ug)

Lane5: PC12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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