

Hox-A6 (P135) polyclonal antibody

Catalog: BS3315

Host: Rabbit

Reactivity: Human

BackGround:

HoxA6 (homeobox A6), also known as HOX1B, is a 233 amino acid protein that localizes to the nucleus. Expressed during embryonic development, HoxA6 functions as a sequence-specific DNA-binding transcription factor that is part of a regulatory mechanism that provides cells with positional identities during development. Via its ability to bind DNA, HoxA6 plays an important role in the regulation of gene expression, as well as morphogenesis and differentiation. The gene encoding HoxA6 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Defects in some of the genes localized to chromosome 7 have been linked to Osteogenesis imperfecta, Williams-Beuren syndrome, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 26 kDa

Swiss-Prot:

P31267

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

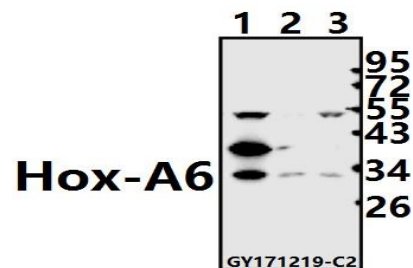
Storage&Stability:

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

Specificity:

HoxA6 (P135) polyclonal antibody detects endogenous levels of HoxA6 protein.

DATA:



Western blot (WB) analysis of Hox-A6 (P135) pAb at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Note:

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

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