

MOX-2 (N184) polyclonal antibody

Catalog: BS2006

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

MOX-1 and MOX-2 function transiently in the formation of mesodermal and mesenchymal derivatives. MOX-1 and MOX-2 are implicated in the early steps of mesoderm formation during gastrulation. In addition, the MOX proteins are also involved in somatic differentiation. Significantly, MOX-1 associates more strongly with Pax1, whereas MOX-2 preferentially associates with Pax3. Specifically, expression of MOX-2, also known as Mesenchyme homeobox 2 and GAX, has been shown to be critical in axial skeleton development. MOX-2 is not needed for the migration of myogenic precursors into the limb bud, but it is essential for normal appendicular muscle formation and for the normal regulation of myogenic genes. MOX-2 is expressed in placental tissue.

Product:

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

Molecular Weight:

~ 33 kDa

Swiss-Prot:

P50222

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:

IHC: 1:50~1:200

Storage&Stability:

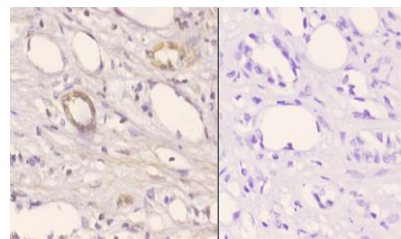
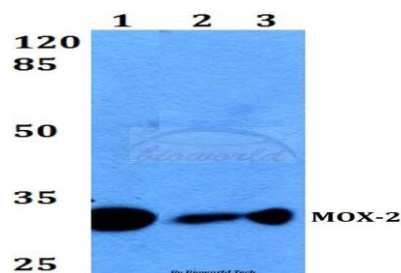
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

MOX-2 (N184) polyclonal antibody detects endogenous levels of MOX-2 protein.

DATA:



BS2006
Lot C756131

Immunohistochemistry (IHC) analyzes of MOX-2 (N184) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50, showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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