

## Nkx-2.8 (P37) polyclonal antibody

Catalog: BS9251

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Members of the NK-2 family of homeodomain proteins, which include Nkx-2.2, Nkx-2.5, Nkx-2.6 and Nkx-2.8, are key regulators of growth and development in several tissues, including brain, heart and pancreas. Nkx-2.2 is responsible for directing ventral neuronal patterning in response to graded Shh signaling. Nkx-2.5, also designated cardiac specific homeobox protein (Csx), is a homolog of the Drosophila tinman protein and is essential for normal cardiovascular development. Nkx-2.6, also a homolog of the Drosophila tinman protein, is expressed in the caudal pharyngeal pouches, the caudal heart progenitors, the sinus venosus, the outflow tract of the heart and in a short segment of the gut between stages E8.5 and E10.5 of embryogenesis. Nkx-2.8, also designated NK-2 homolog H, NKX2H or Nkx-2.9, is a nuclear protein that contains one homeobox DNA-binding domain, indicating a possible role in development.

### Product:

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

### Molecular Weight:

~ 28 kDa

### Swiss-Prot:

O15522

### 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

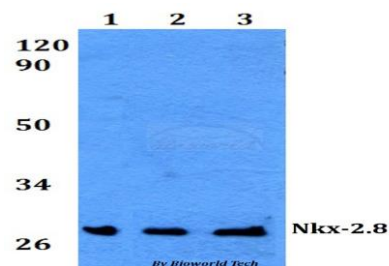
### Storage&Stability:

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

### Specificity:

Nkx-2.8 (P37) polyclonal antibody detects endogenous levels of Nkx-2.8 protein.

### DATA:



Western blot (WB) analysis of Nkx-2.8 (P37) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:Hela whole cell lysate

### Note:

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

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