

## GATA-5 (K293) polyclonal antibody

Catalog: BS2908

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

The protein encoded by this gene is a transcription factor that contains two GATA type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF 1 alpha), and this interaction is essential for cooperative activation of the intestinal lactase phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity. GATA5 is induced at an early stage of endothelial-endocardial differentiation prior to expression of such early endocardial markers as Tie2 and ErbB3. It is required for differentiation of cardiogenic precursors into endothelial endocardial cells.

### Product:

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

### Molecular Weight:

~ 41 kDa

### Swiss-Prot:

Q9BWX5

### 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

IHC: 1:50~1:200

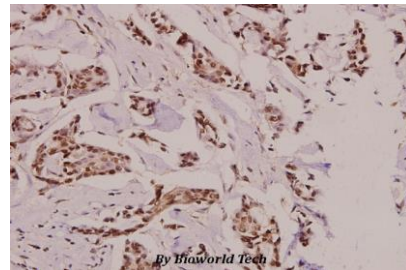
### Storage&Stability:

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

### Specificity:

GATA-5 (K293) polyclonal antibody detects endogenous levels of GATA-5 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of GATA-5 (K293) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

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

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