

## Dlx-5 (E126) polyclonal antibody

Catalog: BS2022

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Dlx5 (distal-less homeobox 5) gene is a member of a homeobox gene family similar to the Drosophila distal-less gene. The encoded Dlx5 protein is localized to the nucleus where it functions as a transcriptional regulator during neural development. In the developing CNS, Dlx5 is one of the earliest known markers before the formation of an overt neural plate. During late gastrulation Dlx5 (gene) expression becomes localized to the anterior neural ridge, which defines the rostral boundary of the neural plate, and also extends caudolaterally, marking the region of the presumptive neural crest. Subsequently, Dlx5 is expressed in tissues (olfactory epithelium, ventral cephalic epithelium) that are believed to derive from the anterior neural ridge.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 30 kDa

### Swiss-Prot:

P56178

### 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

IF: 1:50~1:200

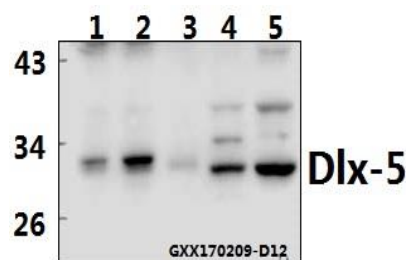
### Storage&Stability:

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

### Specificity:

Dlx-5 (E126) polyclonal antibody detects endogenous levels of Dlx-5 protein.

### DATA:



Western blot (WB) analysis of Dlx-5 (E126) polyclonal antibody at 1:500 dilution

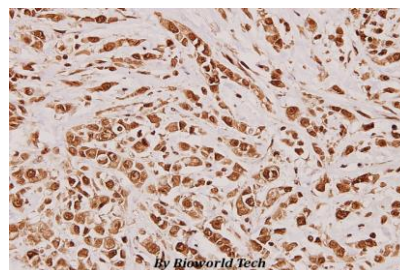
Lane1:L02 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:THP-1 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Dlx-5 (E126) 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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