

## NGFI-B polyclonal antibody

Catalog: GCP52

Host: Rabbit

Reactivity: Pig

### BackGround:

Nur77, also known as TR3 and NGFI-B, is an immediate-early response gene and an orphan member of the steroid/thyroid/retinoid receptor superfamily. Nur77 is composed of an amino-terminal transactivation domain, a central DNA-binding domain and a carboxy-terminal ligand-binding domain. Expression of Nur77 is rapidly induced by a variety of stimuli, including apoptotic, mitogenic and stress signals. It has been proposed to have many functions related to cell proliferation, differentiation and apoptosis. Nur77 has been extensively studied in T cells where it has been implicated in the process of negative selection and TCR-mediated apoptosis. Nur77 binds to specific DNA elements leading to the regulation of target genes. As a possible mechanism for regulating apoptosis, Nur77 can induce the expression of apoptotic genes such as FasL and TRAIL. Nur77 is heavily phosphorylated by multiple kinases, which may affect its transactivation activity as well as its subcellular localization. Translocation of Nur77 from the nucleus to the mitochondria can regulate its association with Bcl-2 and control the release of cytochrome c, thereby triggering apoptosis.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 70 kDa

### Swiss-Prot:

P22736

### 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

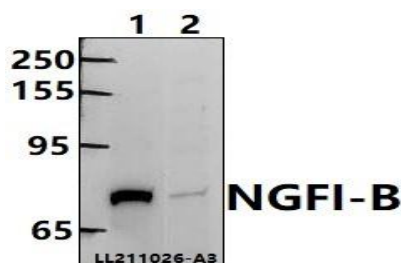
### Storage&Stability:

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

### Specificity:

NGFI-B polyclonal antibody detects endogenous levels of NGFI-B protein.

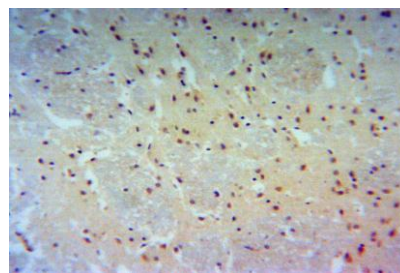
### DATA:



Western blot (WB) analysis of NGFI-B polyclonal antibody at 1:1000 dilution

Lane1:The Heart tissue lysate of Pig(40ug)

Lane2:The Brain tissue lysate of Pig(40ug)



Immunohistochemistry of paraffin-embedded Human Brain using NGFI-B antibody at dilution of 1:50.

### Note:

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

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## PRODUCT DATA SHEET

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