

## NDUFB9 (E134) polyclonal antibody

Catalog: BS9153

Host: Rabbit

Reactivity: Human

### BackGround:

NDUFB9 (NADH dehydrogenase (ubiquinone) 1  $\beta$  sub-complex, 9), also known as LYRM3 or B22, is a 179 amino acid protein that belongs to the complex I LYR family. Localized to the inner mitochondrial membrane, as well as to the matrix side of the peripheral membrane, NDUFB9 functions as an accessory subunit of the multi-subunit mitochondrial membrane respiratory chain NADH dehydrogenase complex I. Complex I plays an important role in the transfer of electrons from NADH to the respiratory chain, a process that is essential for cellular respiration.

### Product:

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

### Molecular Weight:

~ 22 kDa

### Swiss-Prot:

Q9Y6M9

### 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

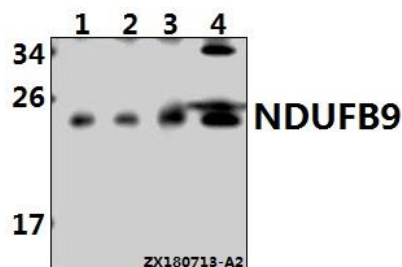
### Storage&Stability:

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

### Specificity:

NDUFB9 (E134) polyclonal antibody detects endogenous levels of NDUFB9 protein.

### DATA:



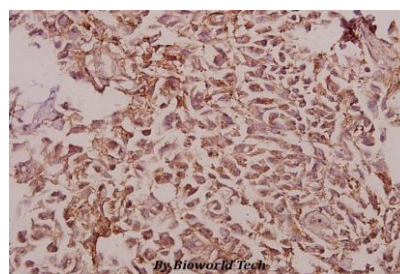
Western blot (WB) analysis of NDUFB9 (E134) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:EC9706 whole cell lysate(40ug)

Lane4:Panc1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of NDUFB9 (E134) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

### Note:

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

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