

## ER81 (N23) polyclonal antibody

Catalog: BS2475

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Several members of the Ets gene family encode sequence-specific DNA binding proteins that recognize DNA sequences with a centrally located 5'-GGAA-3' element. All of the Ets proteins recognize the same central core sequence but each protein interacts with unique sequences that flank this core. ER81 (also designated ETV1) binds the motif 5'-CGGAA/T-3'. ER81 is highly expressed in brain, testis, lung and heart. ER81 is also moderately expressed in spleen, pancreas, colon and small intestine. During development, ER81 displays a unique expression patterns which suggests that this transcriptional factor might play an important role in organogenesis. ERK-1 activates ER81 transcriptional activity while MAPKAP kinase 2 inhibits ER81.

### Product:

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

### Molecular Weight:

~ 60 kDa

### Swiss-Prot:

P50549

### 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

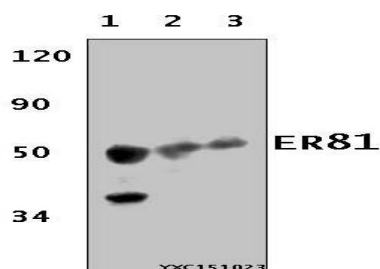
### Storage&Stability:

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

### Specificity:

ER81 (N23) polyclonal antibody detects endogenous levels of ER81 protein.

### DATA:



Western blot (WB) analysis of ER81 (N23) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(45µg)

Lane2:The Brain tissue lysate of Rat (45µg)

Lane3:The Brain tissue lysate of Mouse (45µg)

### Note:

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

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