

## BAI3 polyclonal antibody

Catalog: BS60780

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Brain-specific angiogenesis inhibitors, including BAI-1, BAI-2, and BAI-3, are integral membrane proteins belonging to the G-protein coupled receptor 2 family. In addition to inhibiting angiogenesis in the brain, BAI proteins are also expressed in the heart, thymus, skeletal muscle, and a variety of cell lines. BAI-3 is predominantly expressed in brain. Reduced expression may be observed in some glioblastoma cell lines suggesting that BAI-3 may function in the suppression of glioblastoma. Localization of BAI-3 in most neurons of the cerebral cortex is analogous with BAI-1 and BAI-2 expression in the adult brain, but varies in the developing brain. The activity of brain-specific angiogenesis inhibitor proteins has been inversely correlated with vascularization in some cancer tissues. BAI-3 activity may be significant in the early phases of ischemia-induced brain angiogenesis and in brain tumor progression. A better understanding of the anti-angiogenic activity of these BAIs may offer potential therapeutic benefits.

### Product:

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

### Molecular Weight:

~ 172 kDa

### Swiss-Prot:

O60242

### 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

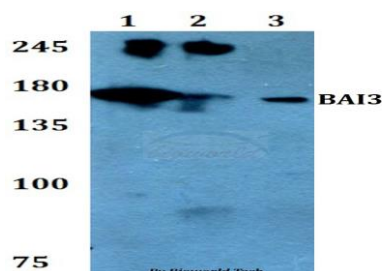
### Storage&Stability:

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

### Specificity:

BAI3 polyclonal antibody detects endogenous levels of BAI3 protein.

### DATA:



Western blot (WB) analysis of BAI3 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

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