

ETK (phospho-Y40) polyclonal antibody

Catalog: BS4657

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

ETK, also known as BMX, is a member of the Bruton's tyrosine kinase (Btk) family. It is expressed in a variety of hematopoietic, epithelial and endothelial cells. Etk, like other Btk family members, contains a pleckstrin homology (PH) domain and Src homology SH3 and SH2 domains. It participates in multiple signal transduction pathways. Phosphorylation of Tyr566 by Src kinase is required for activation of Etk in vivo. In endothelial and epithelial cells, Etk is regulated by FAK through phosphorylation at Tyr40.

Product:

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

Molecular Weight:

~ 78 kDa

Swiss-Prot:

P51813

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

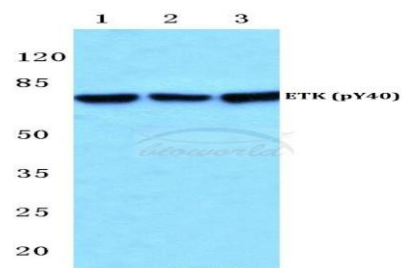
Storage&Stability:

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

Specificity:

p-ETK (Y40) polyclonal antibody detects endogenous levels of ETK protein only when phosphorylated at Tyr40.

DATA:



Western blot (WB) analysis of p-ETK (Y40) polyclonal antibody at 1:500 dilution

Lane1: MCF-7 cell lysate treated with IL-1 β (2ng/ml, 24h)

Lane2: Raw264.7 cell lysate treated with IL-1(2ng/ml, 24h)

Lane3: H9C2 cell lysate treated with IL-1 β (2ng/ml, 24h)

Note:

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

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