

## Angiopoietin 1 polyclonal antibody

Catalog: BZ16087

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Binds and activates TEK/TIE2 receptor by inducing its dimerization and tyrosine phosphorylation. Plays an important role in the regulation of angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton, but also maintenance of vascular quiescence. Required for normal angiogenesis and heart development during embryogenesis. After birth, activates or inhibits angiogenesis, depending on the context.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 58 kDa; Observed MW: 58 kDa

### Swiss-Prot:

Q15389

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

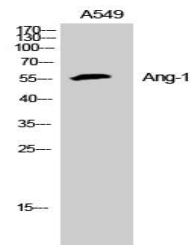
### Storage&Stability:

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

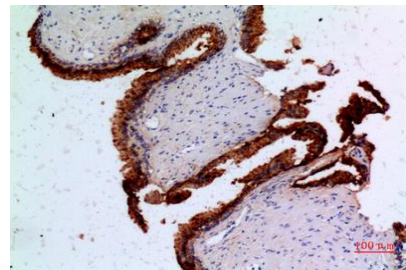
### Isotype:

IgG

### DATA:



Western blot analysis of Angiopoietin 1 in A549, K562 lysates using Angiopoietin 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human prostatic cancer using Angiopoietin 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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### Note:

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

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