

## ZNF462 polyclonal antibody

Catalog: BS60800

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF462 (zinc finger protein 462) is a 2,506 amino acid protein that localizes to nucleus and is subject to posttranslational phosphorylation upon DNA damage, possibly by ATM or ATR. Containing twenty-seven C2H2-type zinc finger motifs and existing as multiple alternatively spliced isoforms, ZNF462 is encoded by a gene located on human chromosome 9q31.2. Chromosome 9 consists of about 145 million bases, 4% of the human genome and encodes nearly 900 genes. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 285 kDa

### Swiss-Prot:

Q96JM2

### 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

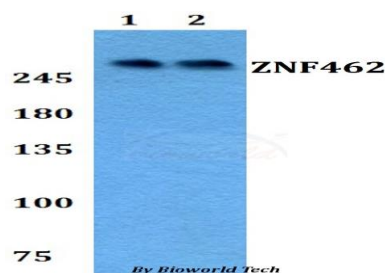
### Storage&Stability:

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

### Specificity:

ZNF462 polyclonal antibody detects endogenous levels of ZNF462 protein.

### DATA:



Western blot (WB) analysis of ZNF462 polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:PC12 whole cell lysate

### Note:

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

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