# 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:

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

## 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

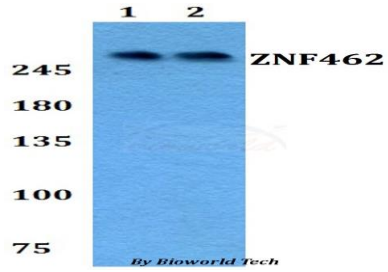
## Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ 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.

**Bioworld Technology, Inc.**
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

**Bioworld technology, co. Ltd.**
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151