

## ZNF50 polyclonal antibody

Catalog: BS5985

Host: Rabbit

Reactivity: Human, Mouse, 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 Krueppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZSCAN22 (zinc finger and SCAN domain-containing protein 22), also known as HKR2 or ZNF50 (zinc finger protein 50), is a 491 amino acid nuclear protein. Belonging to the Krueppel C2 H2-type zinc-finger protein family, ZSCAN22 contains eight C2 H2-type zinc fingers and one SCAN box domain. ZSCAN22 may be involved in transcriptional regulation, and becomes phosphorylated upon DNA damage.

### Product:

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

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

P10073

### 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

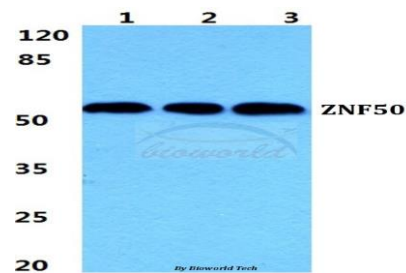
### Storage&Stability:

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

### Specificity:

ZNF50 polyclonal antibody detects endogenous levels of ZNF50 protein.

### DATA:

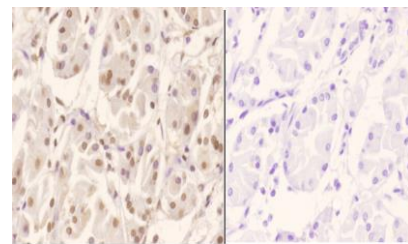


Western blot (WB) analysis of ZNF50 polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:sp2/0 cell lysate

Lane3:PC12 cell lysate



Immunohistochemistry (IHC) analyzes of ZNF50 pAb in paraffin-embedded human stomach carcinoma tissue at 1:50. showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

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

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