

## ZNF541 polyclonal antibody

Catalog: BS61550

Host: Rabbit

Reactivity: Human

### 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. ZNF541 (zinc finger protein 541) is a 1,365 amino acid nuclear protein that acts as a component of a chromatin remodeling multiprotein complex involved in spermatogenesis. Existing as three alternatively spliced isoforms, ZNF541 interacts with both HSPA2 and HDAC1, and contains one SANT domain, a ELM2 domain and five C2H2-type zinc fingers. The gene encoding ZNF541 maps to human chromosome 19q13.33. Chromosome 19 consists of over 63 million bases, houses approximately 1,400 genes and is the genetic home for a number of immunoglobulin (Ig) superfamily members, a number of ICAMs, the CEACAM and PSG family and Fc receptors (FcRs).

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 160 kDa

### Swiss-Prot:

Q9H0D2

### 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

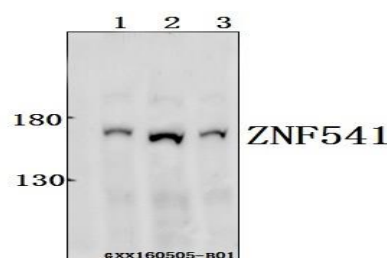
### Storage&Stability:

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

### Specificity:

ZNF541 polyclonal antibody detects endogenous levels of ZNF541 protein.

### DATA:



Western blot (WB) analysis of ZNF541 polyclonal antibody at 1:500 dilution

Lane1:L02 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:SK-OVCAR3 whole cell lysate(40ug)

### Note:

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

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