

ZNF638 polyclonal antibody

Catalog: BS5827

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. NP220 (Nuclear protein 220), also designated Zinc finger protein 638 (ZNF638) or Cutaneous T-cell lymphoma-associated antigen se33-1, is a 1978 amino acid protein that contains one matrix-type zinc finger and two RRM (RNA recognition motif) domains, suggesting a role in transcriptional regulation. NP220 binds to double-stranded DNA fragments by recognizing clusters of cytidines. NP220 interacts with FHL-2 and is also thought to be phosphorylated by ATM or ATR upon DNA damage. It exists as five isoforms as a result of alternative splicing events. Isoform five of NP220 is a tumor-associated antigen found in several cutaneous T-cell lymphoma (CTCL), and in particular in mycosis fungoides patients and in Sezary syndrome patients.

Product:

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

Molecular Weight:

~ 230kDa

Swiss-Prot:

Q14966

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

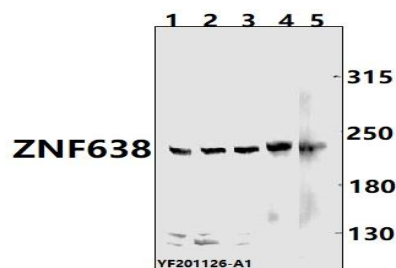
Storage&Stability:

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

Specificity:

ZNF638 polyclonal antibody detects endogenous levels of ZNF638 protein.

DATA:



Western blot (WB) analysis of ZNF638 pAb at 1:500 dilution

Lane1:PC3 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:The brain tissue lysate of Rat(40ug)

Lane5:The brain tissue lysate of Mouse(40ug)

Note:

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

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