

## NBPF12 polyclonal antibody

Catalog: BS61787

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene is a member of the neuroblastoma breakpoint family (NBPF) which consists of dozens of recently duplicated genes primarily located in segmental duplications on human chromosome 1. This gene family has experienced its greatest expansion within the human lineage and has expanded, to a lesser extent, among primates in general. Members of this gene family are characterized by tandemly repeated copies of DUF1220 protein domains. Gene copy number variations in the human chromosomal region 1q21.1, where most DUF1220 domains are located, have been implicated in a number of developmental and neurogenetic diseases such as microcephaly, macrocephaly, autism, schizophrenia, cognitive disability, congenital heart disease, neuroblastoma, and congenital kidney and urinary tract anomalies. Altered expression of some gene family members is associated with several types of cancer. This gene family contains numerous pseudogenes.

### Product:

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

### Molecular Weight:

~ 99-140 kDa

### Swiss-Prot:

Q5TAG4/Q6P3W6/Q5SXJ2/Q3BBV0/Q3BBW0/Q3BBV1/Q8N660/Q5TI25

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

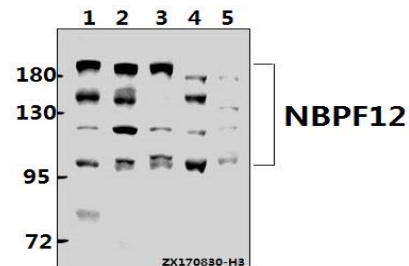
### Storage&Stability:

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

### Specificity:

NBPF12 pAb detects endogenous levels of NBPF12 protein.

### DATA:



Western blot (WB) analysis of NBPF12 pAb at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

Lane3:U-87MG 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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