

## ANKRD20A1 polyclonal antibody

Catalog: BS60736

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network. Mutations of ankyrin genes lead to severe genetic diseases such as fatal cardiac arrhythmias and hereditary spherocytosis. ANKRD20A (ankyrin repeat domain-containing protein 20A) is an 823 amino acid protein that contains five ANK repeats. The gene encoding ANKRD20A maps to chromosome 9, which consists of about 145 million bases and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and familial dysautonomia are associated with chromosome 9. Also, chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias.

### Product:

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

### Molecular Weight:

~ 94 kDa

### Swiss-Prot:

Q5TYW2

### 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

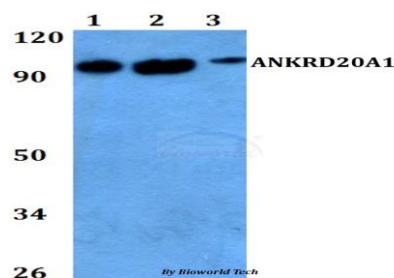
### Storage&Stability:

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

### Specificity:

ANKRD20A1 polyclonal antibody detects endogenous levels of ANKRD20A1 protein.

### DATA:



Western blot (WB) analysis of ANKRD20A1 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

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