



## C9orf72 Polyclonal Antibody

Catalog: BS65435      Host: Rabbit      Reactivity: Hu-  
man, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse,

### BackGround:

Chromosome 9 consists of about 145 million bases and 4% of the human genome 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, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. The C9orf72 gene product has been provisionally designated C9orf72 pending further characterization. There are two isoforms of C9orf72 that are produced as a result of alternative splicing events.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

53kDa

### Swiss-Prot:

Q96LT7

### Purification&Purity:

affinity purified by Protein A

### Applications:

Flow-Cyt=1ug/test

### Storage&Stability:

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

### Specificity:

C9orf72 Polyclonal Antibody detects endogenous levels of C9orf72 protein.

### DATA:

### Note:

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

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