

**bs-9987R**

**[ Primary Antibody ]**

## C22orf9 Rabbit pAb



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### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 23313

**SWISS:** Q6ICG6

**Target:** C22orf9

**Immunogen:** KLH conjugated synthetic peptide derived from human C22orf9: 101-200/404.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** C22orf9 is a 404 amino acid protein that exists as three alternatively spliced isoforms and is encoded by a gene located on human chromosome 22, which contains over 500 genes and about 49 million bases. As the second smallest human chromosome, chromosome 22 contains a wide variety of genes with numerous functions. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein, BCR-Abl, a potent cell proliferation activator found in several types of leukemia.

**Applications:** ELISA (1:5000-10000)

**Reactivity:** (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Chicken, Dog, Horse)

**Predicted MW.:** 46 kDa