bs-9998R

[Primary Antibody]



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C4orf44 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 345222 **SWISS:** Q6ZTZ1

Target: C4orf44

Immunogen: KLH conjugated synthetic peptide derived from human C4orf44:

31-130/278.

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: Representing approximately 6% of the human genome,

chromosome 4 contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease. Chromosome 4 reportedly contains the largest gene deserts (regions of the genome with no protein encoding genes) and has one of the two lowest recombination frequencies of the human chromosomes. The C4orf44 gene product has been provisionally

designated C4orf44 pending further characterization.

Applications: WB (1:500-2000)

Reactivity: Mouse

(predicted: Human,

Rat, Rabbit)

Predicted 32 kDa

- VALIDATION IMAGES -



Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-C4orf44 (bs-9998R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD