bs-9493R **[Primary Antibody]**

C9ORF43 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 257169 **SWISS:** Q8TAL5

Target: C9ORF43

Immunogen: KLH conjugated synthetic peptide derived from human C9ORF43: 221-320/461.

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.

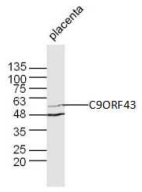
Background: Chromosome 9 consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y 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 C9orf43 gene product has been provisionally designated C9orf43 pending further characterization.

Applications: **WB** (1:500-2000)

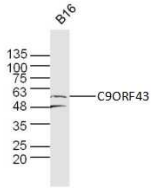
Reactivity: Mouse
(predicted: Human)

Predicted MW.: 52 kDa

VALIDATION IMAGES



Sample: Placenta(Mouse) Lysate at 40 ug Primary: Anti-C9ORF43 (bs-9493R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 kD



Sample: B16 (Mouse) Cell Lysate at 40 ug Primary: Anti-C9ORF43 (bs-9493R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 kD