## bs-8222R

## [ Primary Antibody ]

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

FAM154A Rabbit pAb

GenelD: 158297 SWISS: Q8IYX7

Target: FAM154A

Immunogen: KLH conjugated synthetic peptide derived from human FAM154A:

101-200/474.

**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 FAM154A gene product has been provisionally designated FAM154A pending further characterization.

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Human,

Rat, Sheep, Cow, Dog,

Horse)

Predicted 55 kDa MW.:

Subcellular Location: Cytoplasm

## - VALIDATION IMAGES -



Sample: Pancreas (Mouse) Lysate at 40 ug Primary: Anti-FAM154A (bs-8222R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 52 kD