bs-9659R

[Primary Antibody]

FAM76B Rabbit pAb

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 143684 SWISS: Q5HYJ3

Target: FAM76B

Immunogen: KLH conjugated synthetic peptide derived from human FAM76B:

251-339/339.

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: With approximately 135 million base pairs and 1,400 genes, chromosome 11 makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxiatelangiectasia. The blood disorders Sickle cell anemia and β thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11. The FAM76B gene product has been provisionally designated FAM76B pending further characterization.

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Human,

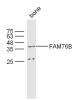
Rat, Pig, Cow, Chicken, Dog,

Horse)

Predicted 39 kDa MW.:

Subcellular Location: Nucleus

VALIDATION IMAGES



Sample: Bone (Mouse) Lysate at 40 ug Primary: Anti-FAM76B (bs-9659R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD

- SELECTED CITATIONS -

• [IF=4.7] Tiansheng Zhou, et al. Deletion of FAM76B histidine-rich region enhances macrophage-mediated osteosarcoma inhibition via liquid-liquid phase separation. INT IMMUNOPHARMACOL. 2025 Oct;163:115289 WB, IF;. 40753849