

bs-18357R**[Primary Antibody]****LRGUK Rabbit pAb****BioSS**
ANTIBODIES

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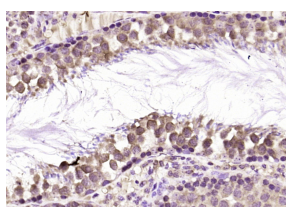
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— DATASHEET —

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| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) |
| Clonality: Polyclonal | | |
| GeneID: 136332 | SWISS: Q96M69 | |
| Target: LRGUK | | Reactivity: Mouse (predicted: Human, Rat, Pig) |
| Immunogen: KLH conjugated synthetic peptide derived from human LRGUK: 461-560/825. | | |
| Purification: affinity purified by Protein A | | Predicted MW.: 93 kDa |
| Concentration: 1mg/ml | | Subcellular Location: Cytoplasm |
| 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: LRGUK is an 825 amino acid protein that contains a guanylate kinase-like domain, a LRRCT domain and nine LRR (leucine-rich) repeats. The gene encoding LRGUK is located on human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia. | | |

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LRGUK) Polyclonal Antibody, Unconjugated (bs-18357R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.