bs-17632R **[Primary Antibody]**

SPATA5L1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 79029 **SWISS:** Q9BVQ7

Target: SPATA5L1

Immunogen: KLH conjugated synthetic peptide derived from human SPATA5L1: 221-320/753.

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: SPATA5L1 is a 753 amino acid protein belonging to the AAA ATPase family and AFG2 subfamily. Single nucleotide polymorphisms (SNPs) present in SPATA5L1 at the glycine amidinotransferase (GATM)-SPATA5L1 locus have been found to correlate with glomerular filtration rate (GFR), having significant implications for kidney disease research. SPATA5L1 localizes to cytoplasm and exists as three alternatively spliced isoforms. The gene encoding SPATA5L1 maps to human chromosome 15q21.1. Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and comprises about 3% of the human genome. Tay-Sachs disease is a lethal disorder associated with mutations of the HEXA gene, which is encoded by chromosome 15. Marfan syndrome is associated with chromosome 15 through the FBN1 gene.

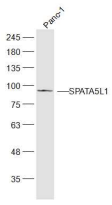
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Dog)

Predicted MW.: 81 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Panc-1(Human) Cell Lysate at 30 ug Primary: Anti-SPATA5L1 (bs-17632R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 81 kD Observed band size: 81 kD