bs-17636R **[Primary Antibody]**

SPATA15/SPATC1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 375686 **SWISS:** Q76KD6

Target: SPATA15/SPATC1

Immunogen: KLH conjugated synthetic peptide derived from human SPATA15/SPATC1: 1-100/591.

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: SPATA15 is a 591 amino acid cytoplasmic protein expressed in testis that is part of a complex that includes p55 CDC, Cdc27. The gene encoding Speriolin is located on human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

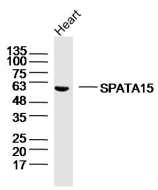
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Sheep, Cow, Horse)

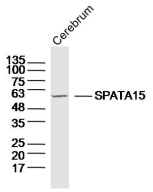
Predicted MW.: 62 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-SPATA15/SPATC1(bs-17636R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62kD Observed band size: 62kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-SPATA15/SPATC1(bs-17636R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62kD Observed band size: 62kD