bs-8414R **[Primary Antibody]**

HAGHL Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 84264 **SWISS:** Q6PII5

Target: HAGHL

Immunogen: KLH conjugated synthetic peptide derived from human HAGHL: 1-100/290.

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: The hydroxyacylglutathione hydrolase-like protein (HAGHL) is a 290 amino acid protein that belongs to the glyoxalase II family. HAGHL binds two zinc ions per subunit and acts as a hydrolase on ester bonds. The gene encoding HAGHL maps to human chromosome 16, which encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The rare disorder Rubinstein-Taybi syndrome is associated with chromosome 16, as is Crohn's disease, a gastrointestinal inflammatory condition that may involve the NOD2 gene. An association with systemic lupus erythematosis and a number of other autoimmune disorders with the pericentromeric region of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier.

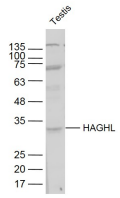
Applications: **WB** (1:500-2000)

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

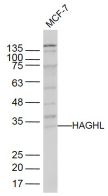
Predicted MW.: 32 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Testis(Mouse) Lysate at 40 ug Primary: Anti- HAGHL (bs-8414R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD



Sample: MCF-7(Human) Cell Lysate at 40 ug Primary: Anti- HAGHL (bs-8414R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.