

Anti-HAGHL Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse, Sheep)
Molecular Weight:	Theoretical: 32 kDa. Actual: 32 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: MCF-7 (Human) Cell Lysate at 40 µg Primary: Anti-HAGHL (TMAB-06875) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD
	2. Sample: Testis (Mouse) Lysate at 40 µg Primary: Anti-HAGHL (TMAB-06875) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD
	Application: WB
	Recommended WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human HAGHL
Antigen Species:	Human
Gene ID:	84264
Uniprot ID:	Q6PII5

Research 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 erythematosus 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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