

Anti-DNAJB8 Antibody

Catalog Number: A12844-1

About DNAJB8

DNAJB8, a member of the DNAJ/HSP40 family of proteins, plays a crucial role in regulating chaperone HSP70 activity. It is known for its ability to suppress the aggregation of polyglutamine proteins through its C-terminal tail. Furthermore, DNAJB8 has been shown to inhibit TP53 through ubiquitin degradation in human colon cancer by directly interacting and upregulating MDR1, leading to increased oxaliplatin resistance. High levels of DNAJB8 in both colon tissues and serum are correlated with worse overall survival of colon cancer patients, suggesting that DNAJB8 level in serum sEV may serve as a potential biomarker for colon cancer and a promising therapeutic target for oxaliplatin-resistant cancer.

Overview

Product Name	Anti-DNAJB8 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DNAJB8 Antibody catalog # A12844-1. Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q8NHS0

Technical Details

Immunogen	E.coli-derived human DNAJB8 recombinant protein (Position: N3-M229).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ELISA, 1:100-1000

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