Data Sheet (Cat.No.TMAB-06913)

TargetMol

Anti-HCG3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 17 kDa. Actual: 19 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: testis (Mouse) Lysate at 40 µg Primary: Anti-HCG3 (TMAB-06913) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17 kD Observed band size: 19 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 HCG3
Antigen Species:	Human
Gene ID:	414061
Uniprot ID:	Q8WWF6

Research Background

The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. Members of the DnaJ family are characterized by the presence of the J domain. DnaJ heat shock induced proteins are from the bacterium Escherichia coli and are under the control of the htpR regulatory protein. The DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. Proteins of the DnaJ family contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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