

HCG3 Rabbit pAb

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Catalog # AP55219

Product Information

Application	WB
Primary Accession	Q8WWF6
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16559
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HCG3
Epitope Specificity	1-100/145
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	414061
Other Names	DnaJ homolog subfamily B member 3, DNAJB3, HCG3
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

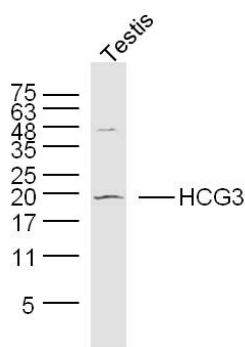
Protein Information

Name	DNAJB3
Synonyms	HCG3
Function	May operate as a co-chaperone of the male germ cell- and haploid stage-specific Hsp70 proteins.
Tissue Location	Expressed in sperm (at protein level).

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Images



Sample: testis (Mouse) Lysate at 40 ug
Primary: Anti-HCG3(AP55219) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 17 kD
Observed band size: 19 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.