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Rabbit Anti-HCG3 antibody

SL13610R

Product Name:	HCG3
Chinese Name:	HCG3蛋白抗体
Alias:	DnaJ (Hsp40) homolog subfamily B member 3; DnaJ homolog subfamily B member 3; Dnajb3; DNJB3_HUMAN; HCG3 gene; HCG3 protein; Hypothetical protein LOC414061; MGC26879; Putative uncharacterized protein tmp_locus_21; Tmp_locus_21.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	17kDa
Cellular localization:	Extracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HCG3:1-100/145
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:
May operate as a co-chaperone of the male germ cell- and haploid stage-specific Hsp70 proteins.

Tissue Specificity:
Expressed in sperm (at protein level).

Similarity:
Contains 1 J domain.

SWISS:
Q8WWF6

Gene ID:
414061

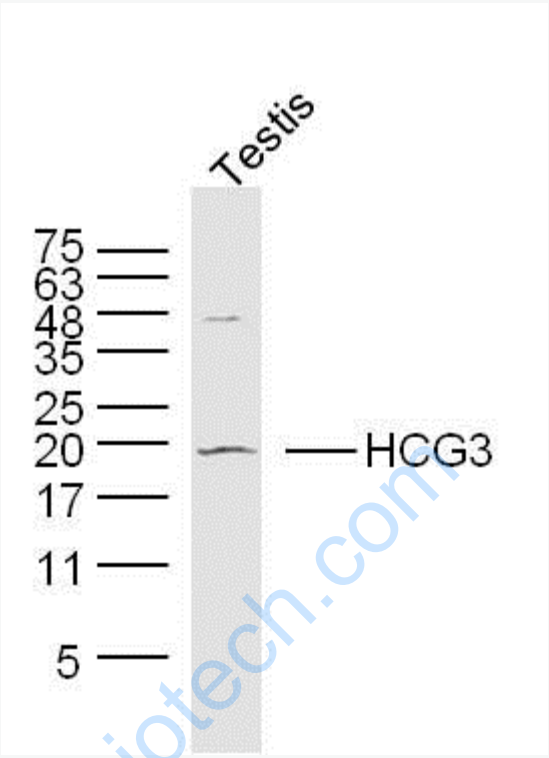
Database links:

Entrez Gene: 414061 Human

SwissProt: Q8WWF6 Human

Unigene: 725533 Human

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

Picture:	 Sample: testis (Mouse) Lysate at 40 ug Primary: Anti-HCG3(SL13610R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17 kD Observed band size: 19 kD