

## Product datasheet for **TA392823**

### DNAJB4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 90-132 of Human DnajB4.
Specificity:	DnajB4 (R120) polyclonal antibody detects endogenous levels of DnajB4 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 40 kDa
Gene Name:	Dnaj heat shock protein family (Hsp40) member B4
Database Link:	<a href="#">Entrez Gene 11080 Human Q9UDY4</a>
Background:	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. The proteins contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for the chaperone function. Dnaj proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnajB4 (Dnaj homolog subfamily B member 4), also known as HLJ1, is expressed in skeletal muscle, heart and pancreas, and lower expression in brain, placenta and liver.

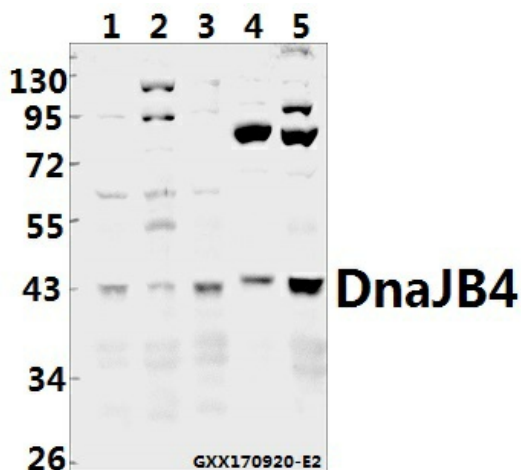


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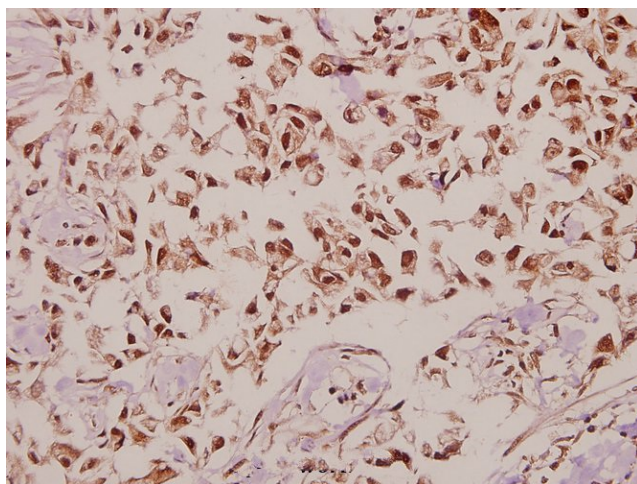
**Synonyms:** DjB4; Dnaj (Hsp40) homolog subfamily B member 4; DNAJB 4; Dnaj homolog subfamily B member 4; Dnaj like heat shock protein 40; DNAJW; Heat shock 40 kDa protein 1 homolog; Heat shock protein 40 homolog; HLJ 1; HLJ1; HSP40 homolog

**Note:** For research use only, not for use in diagnostic procedure.

**Product images:**



Western blot (WB) analysis of DnaJB4 (R120) pAb at 1:500 dilution Lane1:PANC1 whole cell lysate(40ug) Lane2:HEK293T whole cell lysate(40ug) Lane3:MCF-7 whole cell lysate(40ug) Lane4:The Heart tissue lysate of Mouse(40ug) Lane5:The Heart tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of DnaJB4 (R120) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.