

Product datasheet for **TA384111S**

DNAJB6 Rabbit Monoclonal Antibody [Clone ID: R01-8K2]

Product data:

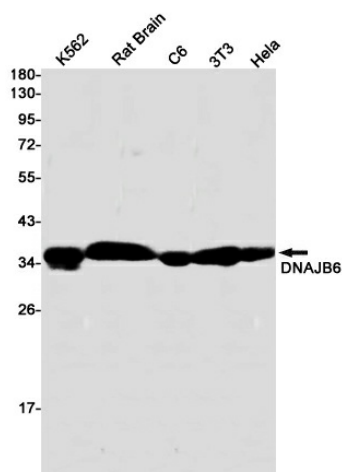
Product Type:	Primary Antibodies
Clone Name:	R01-8K2
Applications:	IHC, WB
Recommended Dilution:	WB: 1/1000 IHC: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein of human DNAJB6
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
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:	Calculated MW: 36 kDa; Observed MW: 36 kDa
Gene Name:	DnaJ heat shock protein family (Hsp40) member B6
Database Link:	Entrez Gene 10049 Human O75190
Background:	Swiss-Prot Acc.O75190.Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Isoform B but not isoform A inhibits huntingtin aggregation. Has a stimulatory effect on the ATPase activity of HSP70 in a dose-dependent and time-dependent manner and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity.



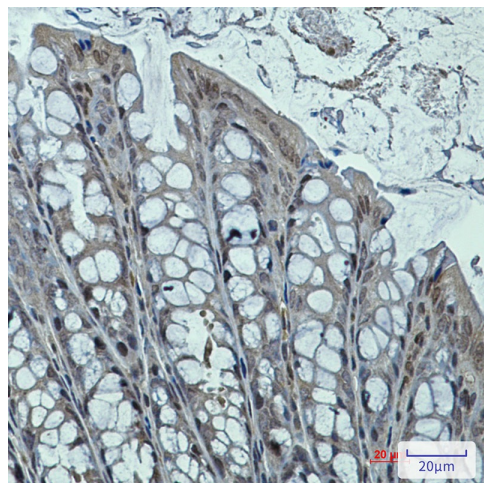
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Synonyms: DJ4; DKFZp566D0824; Dnaj; FLJ42837; HHDJ1; HSJ-2; HSJ2; MGC1152; MGC117297; MRJ; MSJ-1; MSJ1

Product images:



Western blot detection of DNAJB6 in K562, Rat Brain, C6, 3T3, HeLa cell lysates using DNAJB6 Rabbit mAb (1:1000 diluted). Predicted band size: 36 kDa. Observed band size: 36 kDa.



Immunohistochemistry analysis of paraffin-embedded mouse colon using DNAJB6 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.