

Product datasheet for **AP23271PU-N**

Hsp40 (DNAJB1) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	Western blot: At 1-2µg/ml with the appropriate system to detect HSP40 in cells and tissues. Immunohistochemistry on paraffin sections: At 0.5-1µg/ml to detect HSP40 in formalin fixed and paraffin embedded tissues. Immunoprecipitation.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide mapping at the C-terminal end of human HSP40
Specificity:	This antibody detects DNAJB1 / HSP40 at C-term. No cross reactivity with other proteins.
Formulation:	5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ State: Aff - Purified State: Lyophilized Ig fraction
Reconstitution Method:	0.2ml of distilled water will yield a concentration of 500µg/ml.
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Dnaj heat shock protein family (Hsp40) member B1
Database Link:	Entrez Gene 81489 Mouse Entrez Gene 361384 Rat Entrez Gene 3337 Human P25685



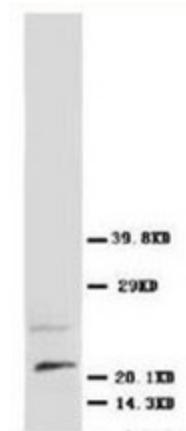
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Background:

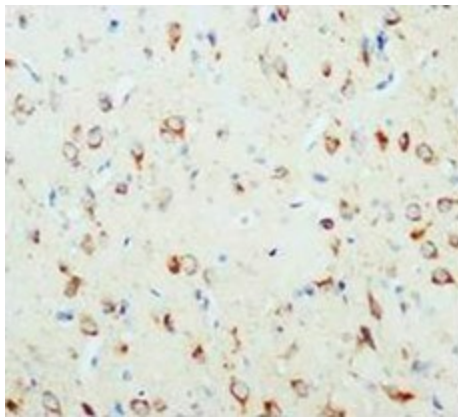
The Hsp40 (heat shock protein with molecular size of approximately 40 kDa) is one of the mammalian homologues of bacterial DnaJ heat shock protein. Ohtsuka (1993) isolated a cDNA encoding a 40-kD heat-shock protein designated HSPF1. The deduced 340-amino acid HSPF1 protein is 34% identical to E. coli DnaJ and 34% and 36% identical to HSJ1 and HSJ2, respectively. HSPF1 gene spans over 7 kb and contains 3 exons and 2 introns. HSPF1 gene is mapped to chromosome 19p13.2.

Synonyms:

Heat shock 40 kDa protein 1, HSP-40, DnaJ protein homolog 1, HDJ-1, DNAJ1, HDJ1, HSPF1

Product images:


Western blot analysis of rat brain tissue lysis using NGFbeta antibody



Immunohistochemical analysis of paraffin embedded rat tissue sections (brain), staining NGFbeta in cytoplasm DAB chromogenic reaction