

Product datasheet for **AP51297PU-N**

DNAJC9 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 28-58 amino acids from the N-terminal region of human DNAJC9.
Specificity:	This antibody recognizes Human DNAJC9 (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for 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 C9
Database Link:	Entrez Gene 23234 Human Q8WXX5



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Background:

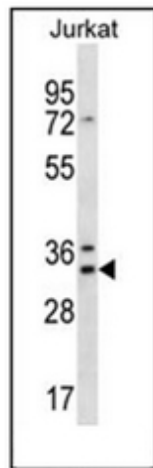
DNAJC9 is upregulated at both mRNA and protein levels after various mitogenic and stress stimulations. DNAJC9 is mainly localized in cell nuclei under normal culture conditions, and transported into cytoplasm and plasma membrane upon heat shock stress through a non-classical and lipid-dependent pathway. DNAJC9 can interact with HSP70s and activate the ATPase activity of HSP70s, both of which are dependent on the J domain. Research has indicated that DNAJC9 is a novel cochaperone for HSP70s.

Synonyms:

DnaJ protein SB73

Note:

Molecular Weight: 29910 Da

Product images:

Western blot analysis of DNAJC9 Antibody (N-term) in Jurkat cell line lysates (35ug/lane). This demonstrates the DNAJC9 antibody detected the DNAJC9 protein (arrow).