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**Product Name: CSP Rabbit Polyclonal Antibody****Catalog #: APRab09462**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	30kDa

**Antigen Information**

<b>Gene Name</b>	DNAJC5
<b>Alternative Names</b>	DNAJC5; CSP; DnaJ homolog subfamily C member 5; Cysteine string protein; CSP
<b>Gene ID</b>	80331.0
<b>SwissProt ID</b>	Q9H3Z4
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DNAJC5. AA range:131-180

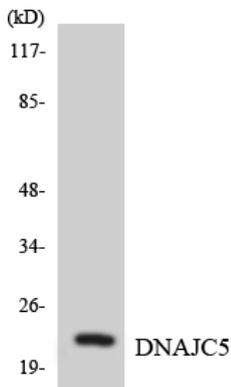
**Background**

This gene is a member of the J protein family. J proteins function in many cellular processes by regulating the ATPase activity of

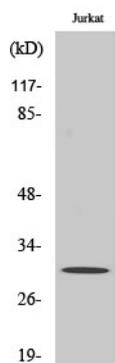
70 kDa heat shock proteins. The encoded protein plays a role in membrane trafficking and protein folding, and has been shown to have anti-neurodegenerative properties. The encoded protein is known to play a role in cystic fibrosis and Huntington's disease. A pseudogene of this gene is located on the short arm of chromosome 8. [provided by RefSeq, Nov 2010],function:May have an important role in presynaptic function. May be involved in calcium-dependent neurotransmitter release at nerve endings.,PTM:Fatty acylated. Heavily palmitoylated in the cysteine string motif.,similarity:Contains 1 J domain.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,tissue specificity:Expressed in pancreas, kidney, skeletal muscle, liver, lung, placenta, brain and heart.,

## Research Area

### Image Data



Western blot analysis of the lysates from HeLa cells using DNAJC5 antibody.



Western Blot analysis of various cells using CSP Polyclonal Antibody diluted at 1 : 2000