

## CSP Polyclonal Antibody

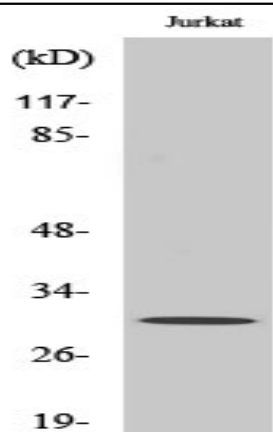
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|------------------------------|--|
| <b>Catalog No :</b>          | YT1135   |
| <b>Reactivity :</b>          | Human;Mouse;Rat  |
| <b>Applications :</b>        | WB;ELISA   |
| <b>Target :</b>              | CSP  |
| <b>Fields :</b>              | >>Protein processing in endoplasmic reticulum  |
| <b>Gene Name :</b>           | DNAJC5   |
| <b>Protein Name :</b>        | DnaJ homolog subfamily C member 5  |
| <b>Human Gene Id :</b>       | 80331  |
| <b>Human Swiss Prot No :</b> | Q9H3Z4   |
| <b>Mouse Gene Id :</b>       | 13002  |
| <b>Mouse Swiss Prot No :</b> | P60904   |
| <b>Rat Gene Id :</b>         | 79130  |
| <b>Rat Swiss Prot No :</b>   | P60905   |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from human DNAJC5. AA range:131-180 |
| <b>Specificity :</b>         | CSP Polyclonal Antibody detects endogenous levels of CSP protein.                                  |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                            |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG   |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.                           |

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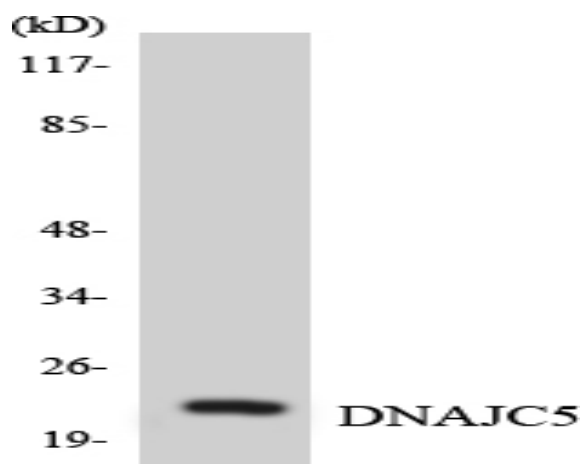
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| <b>Purification :</b>         | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Concentration :</b>        | 1 mg/ml  |
| <b>Storage Stability :</b>    | -15°C to -25°C/1 year(Do not lower than -25°C)   |
| <b>Observed Band :</b>        | 30kD   |
| <b>Background :</b>           | 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], |
| <b>Function :</b>             | 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.,                                    |
| <b>Subcellular Location :</b> | Cytoplasm, cytosol . Membrane ; Lipid-anchor . Cytoplasmic vesicle, secretory vesicle, chromaffin granule membrane . Melanosome . Cell membrane . The association with membranes is regulated by palmitoylation (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .   |
| <b>Expression :</b>           | Expressed in pancreas, kidney, skeletal muscle, liver, lung, placenta, brain and heart.  |

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## Products Images



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



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