



# CSP rabbit pAb

Cat No.:ES2060

For research use only

## Overview

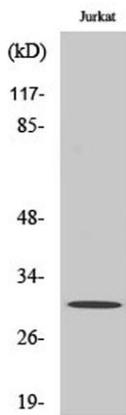
<b>Product Name</b>	CSP rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against 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>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	DnaJ homolog subfamily C member 5
<b>Gene Name</b>	DNAJC5
<b>Cellular localization</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 spectrometr
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	30kD
<b>Human Gene ID</b>	80331
<b>Human Swiss-Prot Number</b>	Q9H3Z4
<b>Alternative Names</b>	DNAJC5; CSP; DnaJ homolog subfamily C member 5; Cysteine string protein; CSP
<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],

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.

