

CSP rabbit pAb**Cat#: orb764935 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	CSP rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DNAJC5. AA range:131-180
Specificity	CSP Polyclonal Antibody detects endogenous levels of CSP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	DnaJ homolog subfamily C member 5
Gene Name	DNAJC5
Cellular localization	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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

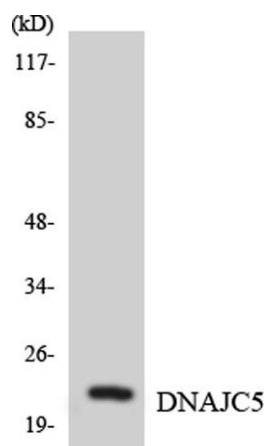
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	30kD
Human Gene ID	80331
Human Swiss-Prot Number	Q9H3Z4
Alternative Names	DNAJC5; CSP; DnaJ homolog subfamily C member 5; Cysteine string protein; CSP

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],



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.