



HSC 70 rabbit pAb

Cat No.:ES2569

For research use only

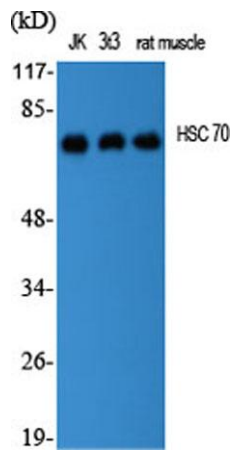
Overview

Product Name	HSC 70 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 HSC 70. AA range:202-251
Specificity	HSC 70 Polyclonal Antibody detects endogenous levels of HSC 70 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	Heat shock cognate 71 kDa protein
Gene Name	HSPA8
Cellular localization	Cytoplasm. Melanosome. Nucleus, nucleolus. Cell membrane. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Translocates rapidly from the cytoplasm to the nuclei, and especially to the nucleoli, upon heat shock.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	3312
Human Swiss-Prot Number	P11142
Alternative Names	HSPA8; HSC70; HSP73; HSPA10; Heat shock cognate 71 kDa protein; Heat shock 70 kDa protein 8
Background	This gene encodes a member of the heat shock protein 70 family, which contains both

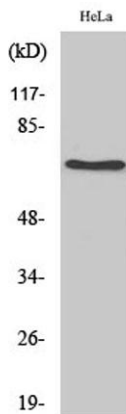




heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011],



Western Blot analysis of various cells using HSC 70
Polyclonal Antibody diluted at 1:2000

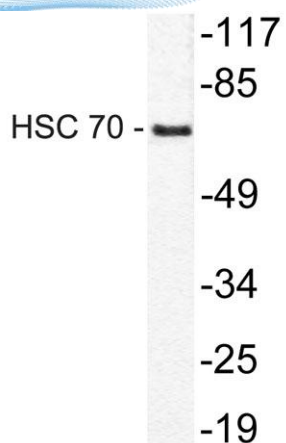


Western Blot analysis of HepG2 cells using HSC 70
Polyclonal Antibody diluted at 1:2000





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Western blot analysis of lysate from HeLa cells, using HSC 70 antibody.



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