



HSP27 (Phospho S78/82) rabbit pAb

Cat No.:ES15594

For research use only

Overview

Product Name	HSP27 (Phospho S78/82) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human; Mouse; Rat
Recommended dilutions	WB 1:500-2000, ELISA(peptide)1:5000-20000
Immunogen	Synthesized pospho peptide derived from human HSP27 (Phospho S78/82)
Specificity	This antibody detects endogenous pospho levels of human HSP27 (Phospho S78/82)
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	HSP27 (Phospho S78/82)
Gene Name	HSPB1 HSP27 HSP28
Cellular localization	Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, spindle . Cytoplasmic in interphase cells. Colocalizes with mitotic spindles in mitotic cells. Translocates to the nucleus during heat shock and resides in sub-nuclear structures known as SC35 speckles or nuc
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	27kD
Human Gene ID	3315
Human Swiss-Prot Number	P04792
Alternative Names	Heat shock protein beta-1 (HspB1;28 kDa heat shock protein;Estrogen-regulated 24 kDa protein;Heat shock 27 kDa protein;HSP 27;Stress-responsive protein 27;SRP27)
Background	The protein encoded by this gene is induced by



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environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN). [provided by RefSeq, Oct 2008],

Western blot analysis of various lysates, primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat: RS23920)was diluted at 1:10000, 37° 1hour.

