

HSPB7 rabbit pAb

Cat No.:ES10698

For research use only

Overview

Product Name	HSPB7 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein .
	at AA range: 100-180
Specificity	HSPB7 Polyclonal Antibody detects endogenous
	levels of 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 protein beta-7 (HspB7) (Cardiovascular
	heat shock protein) (cvHsp)
Gene Name	HSPB7 CVHSP
Cellular localization	Cytoplasm . Nucleus . Nucleus, Cajal body . Resides
	in sub-nuclear structures known as SC35 speckles or
	nuclear splicing speckles.
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	18kD
Human Gene ID	27129
Human Swiss-Prot Number	Q9UBY9
Alternative Names	
Background	similarity:Belongs to the small heat shock protein
	(HSP20) family., subunit: Interacts with C-terminal
	domain of actin-binding protein 280.,tissue
	specificity:Isoform 1 is highly expressed in adult and
	fetal heart, skeletal muscle, and at a much lower
	levels in adipose tissue and in aorta. Undetectable in



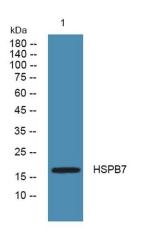
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other tissues. Isoform 2 and isoform 3 are poorly detected in heart.,

Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night



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