

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



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

