



HSPB7 Polyclonal Antibody

Catalog No	YP-Ab-06619
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	HSPB7 CVHSP
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, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	cvHSP;Heat shock protein beta 7;HSPB7;HSPB7 CVHSP;Heat shock protein beta-7 (HspB7) (Cardiovascular heat shock protein) (cvHsp)
Observed Band	18kD
Calculated Molecular Weight	18kD
Cell Pathway	Cytoplasm . Nucleus . Nucleus, Cajal body . Resides in sub-nuclear structures known as SC35 speckles or nuclear splicing speckles.
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.
Function	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.,
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,



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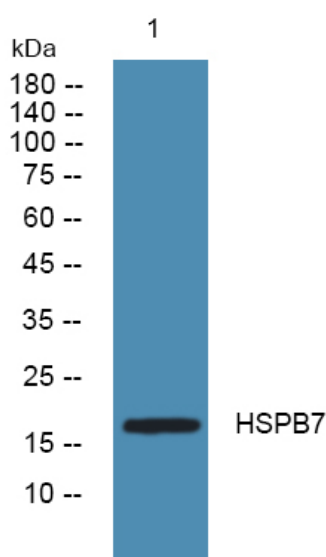
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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