

## HSP27 protein

CatalogNo: YD0041

### | Key Features

#### Reactivity

- Human

#### Applications

- WB,SDS-PAGE

### | Storage

**Storage\*** -20°C/6 month,-80°C for long storage

**Formulation** Liquid in PBS

### | Recommended Dilution Ratios

WB 1:500-2000

### | Basic Information

**Source** E.coli

**Purification** E.coli

**Purity** SDS-PAGE >90%

### | Immunogen Information

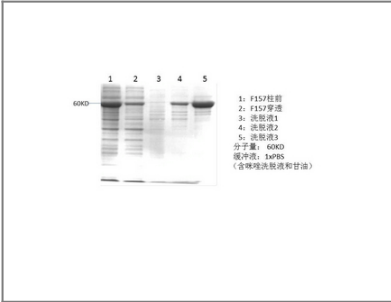
**Sequence** Heat shock protein beta-1

### | Target Information

**Gene name** HSPB1 HSP27 HSP28

<b>Protein Name</b>	Heat shock protein beta-1		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">3315;</a>	<a href="#">P04792;</a>
	Mouse	<a href="#">15507;</a>	<a href="#">P14602;</a>
<b>Cellular Localization</b>	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 nuclear splicing speckles. .		
<b>Tissue specificity</b>	Detected in all tissues tested: skeletal muscle, heart, aorta, large intestine, small intestine, stomach, esophagus, bladder, adrenal gland, thyroid, pancreas, testis, adipose tissue, kidney, liver, spleen, cerebral cortex, blood serum and cerebrospinal fluid. Highest levels are found in the heart and in tissues composed of striated and smooth muscle.		
<b>Function</b>	regulation of translation, regulation of translational initiation, anti-apoptosis, cell motion, response to unfolded protein, cell death, response to temperature stimulus, response to heat, response to abiotic stimulus, response to organic substance, posttranscriptional regulation of gene expression, regulation of cell death, death, regulation of cellular protein metabolic process, regulation of apoptosis, negative regulation of apoptosis, regulation of programmed cell death, negative regulation of programmed cell death, response to protein stimulus, negative regulation of cell death,		

## Validation Data



## Contact information

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