

HSP27 protein

CatalogNo: YD0041

Key Features

Reactivity

- Human

Storage

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

Formulation Liquid in PBS

Recommended Dilution Ratios

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

Protein Name Heat shock protein beta-1

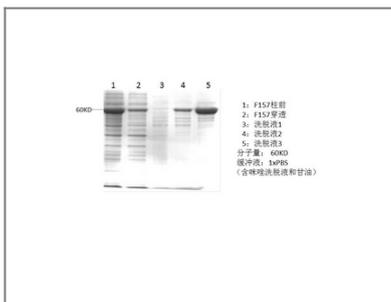
Organism	Gene ID	UniProt ID
Human	3315 ;	P04792 ;
Mouse	15507 ;	P14602 ;

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 nuclear splicing speckles. .

Tissue specificity 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.

Function 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

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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