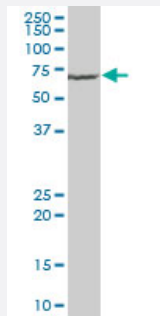


HSPA1B polyclonal antibody (A01)

Catalog # H00003304-A01

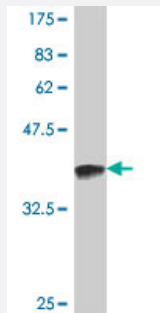
Size 50 uL

Applications



Western Blot (Cell lysate)

HSPA1B polyclonal antibody (A01), Lot # 050926JC01 Western Blot analysis of HSPA1B expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (35.02 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant HSPA1B.
Immunogen	HSPA1B (NP_005336, 531 a.a. ~ 611 a.a) partial recombinant protein with GST tag.
Sequence	VQRERSAKNALESYAFNMKSAVEDEGLKGKISEADKKKVLDKCQEVISWLDANTLAEKDEFEH KRKELEQVCNPIISGLY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (93)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (35.02 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

HSPA1B polyclonal antibody (A01), Lot # 050926JC01 Western Blot analysis of HSPA1B expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HSPA1B

Entrez GeneID

[3304](#)

GeneBank Accession#

[NM_005345](#)

Protein Accession#

[NP_005336](#)

Gene Name

HSPA1B

Gene Alias

FLJ54328, HSP70-1B, HSP70-2, HSPA1A

Gene Description

heat shock 70kDa protein 1B

Omim ID

[603012](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins. [provided by RefSeq]

Other Designations

OTTHUMP00000029288|heat shock 70kD protein 1B|heat shock 70kDa protein 1A

Pathway

- [Antigen processing and presentation](#)
- [Endocytosis](#)
- [MAPK signaling pathway](#)

Disease

- [Abortion](#)
- [Acute Disease](#)
- [Altitude Sickness](#)
- [Alzheimer disease](#)
- [Autoimmune Diseases](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cerebrovascular Accident](#)
- [Cognition](#)
- [Connective Tissue Diseases](#)

- [Constriction](#)
- [Coronary Artery Disease](#)
- [Critical Illness](#)
- [Crohn Disease](#)
- [Cross Infection](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Foot](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Duodenal Ulcer](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Helicobacter Infections](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Multiple Organ Failure](#)
- [Multiple Sclerosis](#)
- [Multiple Trauma](#)

- [Musculoskeletal Diseases](#)
- [Nasopharyngeal Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Pancreatitis](#)
- [Parkinson disease](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psychiatric Status Rating Scales](#)
- [Puerperal Disorders](#)
- [Pulmonary Disease](#)
- [Pulmonary Edema](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sepsis](#)
- [Shock](#)
- [Skin Diseases](#)
- [Spondylarthropathies](#)
- [Stomach Neoplasms](#)
- [Streptococcal Infections](#)
- [Stroke](#)
- [Systemic Inflammatory Response Syndrome](#)
- [Thyroiditis](#)

- [Urinary Tract Infections](#)
- [Ventricular Dysfunction](#)