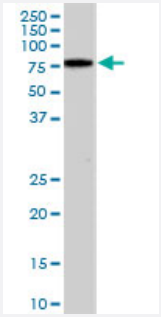
HSPA8 polyclonal antibody

Catalog # PAB7055 Size 100 ug

Applications



Western Blot (Cell lysate)

HSPA8 polyclonal antibody (Cat # PAB7055) (2 ug/mL) staining of A-431 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HSPA8.
Immunogen	A synthetic peptide corresponding to human HSPA8.
Sequence	C-EKLQGKINDEDKQK
Host	Goat
Theoretical MW (kDa)	70.9
Reactivity	Human
Specificity	This antibody is expected to recognize isoform 1 (NP_006588.1) only.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

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Recommend Usage	ELISA (1:4000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  HSPA8 polyclonal antibody (Cat # PAB7055) (2 ug/mL) staining of A-431 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — HSPA8

Entrez GeneID	3312
Protein Accession#	NP_006588.1
Gene Name	HSPA8
Gene Alias	HSC54, HSC70, HSC71, HSP71, HSP73, HSPA10, LAP1, MGC131511, MGC29929, NIP71
Gene Description	heat shock 70kDa protein 8
Omim ID	600816
Gene Ontology	Hyperlink
Gene Summary	The product encoded by this gene belongs to the heat shock protein 70 family which contains bot h heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. This gene encodes a heat-shock cognate protein. This protein binds to nascent polypept ides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coat ed vesicles during transport of membrane components through the cell. Two alternatively spliced v ariants have been characterized to date. [provided by RefSeq
Other Designations	LPS-associated protein 1|N-myristoyltransferase inhibitor protein 71|constitutive heat shock prote in 70|heat shock 70kD protein 8|heat shock 70kd protein 10|heat shock cognate protein 54|heat s hock cognate protein, 71-kDa|lipopolysaccharide-associated pro

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Publication Reference

- Comparison of gene expression profile between human chondrons and chondrocytes: a cDNA microarray study.

  Zhang Z, Fan J, Becker KG, Graff RD, Lee GM, Francomano CA.

  Osteoarthritis and Cartilage 2006 May; 14(5):449.

Pathway

- Antigen processing and presentation
- Endocytosis
- MAPK signaling pathway

Disease

- Alzheimer disease
- Aneurysm
- Aortic Aneurysm
- Asthma
- Carcinoma
- Cardiovascular Diseases
- Cognition
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension
- Infant

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- Kidney Failure
- Lung Neoplasms
- Metabolic Syndrome X
- Renal Insufficiency
- Werner syndrome

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