

For Research Use Only

HSPA4L Polyclonal antibody

Catalog Number: 32468-1-AP



Basic Information

Catalog Number:

32468-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38354

GenBank Accession Number:

NM_001317381.1

GeneID (NCBI):

22824

UNIPROT ID:

O95757

Full Name:

heat shock 70kDa protein 4-like

Calculated MW:

95kDa, 839aa

Observed MW:

95-100 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HL-60 cells, K-562 cells, RT-4 cells, U-251 cells

Background Information

HSPA4L (Heat shock 70-kDa protein 4-like), also known as APG1 or OSP94, is a member of the heat shock protein 110 family, whose mRNA is strongly expressed in normal human testis and overexpressed in leukemia cells. HSPA4L was also restrictedly expressed in normal tissues and the its product was capable of eliciting a humoral immune response likely induced by its high-level expression in leukemia cells. Up-regulation of the Hspa4l gene in kidney and renal cell lines by osmotic stress suggested that Hspa4l may function to enable the kidney to compensate for osmotic stress present within the kidney. HSPA4L was also restrictedly expressed in normal tissues and the its product was capable of eliciting a humoral immune response likely induced by its high-level expression in leukemia cells (PMID: 16923965, 17588478).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

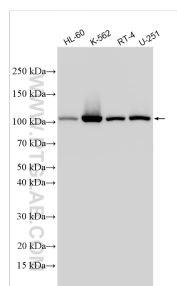
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32468-1-AP (HSPA4L antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.