

For Research Use Only

HSPA4L Polyclonal antibody

Catalog Number: 32468-1-AP



Basic Information

Catalog Number: 32468-1-AP	GenBank Accession Number: NM_001317381.1	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 22824	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: O95757	
Isotype: IgG	Full Name: heat shock 70kDa protein 4-like	
Immunogen Catalog Number: AG38354	Calculated MW: 95kDa 839aa	
	Observed MW: 95-100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, K-562 cells, RT-4 cells, U-251 cells
Species Specificity: human	

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

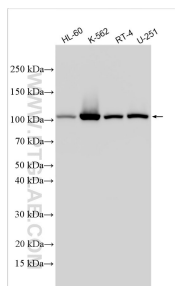
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.