

For Research Use Only

HSPA4L Polyclonal antibody, PBS Only

Catalog Number: 32468-1-PBS



Basic Information

Catalog Number:

32468-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, Indirect ELISA

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 (PMID: 16923965, 17588478).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

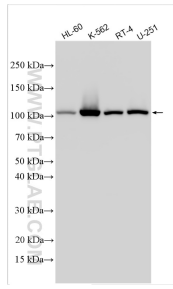
For technical support and original validation data for this product please contact:

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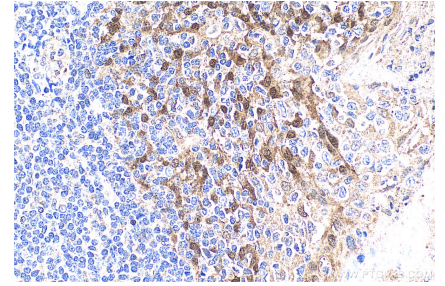
Selected Validation Data



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. This data was developed using the same antibody clone with 32468-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 32468-1-AP (HSPA4L antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32468-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 32468-1-AP (HSPA4L antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32468-1-PBS in a different storage buffer formulation.