10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HSPA4 Rabbit pAb

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Catalog # AP56942

Product Information

Application	WB
Primary Accession	P34932
Reactivity	Rat, Human, Mouse
Predicted	Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94331
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HSPA4
Epitope Specificity	501-600/840
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, which include the assembly and sequestering of multiprotein complexes, transportation of nascent polypeptide chains across cellular membranes and regulation of protein folding. Heat shock proteins (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins and the HSP 110 family. The HSP 110 family (also known as the HSP 105 family) is composed of HSP 105, Apg-1 and Apg-2.

Additional Information

Gene ID	3308
Other Names	Heat shock 70 kDa protein 4, HSP70RY, Heat shock 70-related protein APG-2, Heat shock protein family H member 2, HSPA4, APG2, HSPH2 {ECO:0000303|PubMed:18663603}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

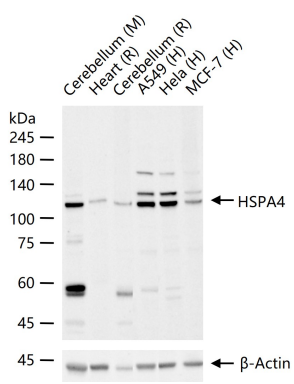
Protein Information

Name	HSPA4
Synonyms	APG2, HSPH2 {ECO:0000303|PubMed:18663603
Cellular Location	Cytoplasm.

Background

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Images



25 ug total protein per lane of various lysates (see on figure) probed with HSPA4 polyclonal antibody, unconjugated (AP56942) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.