

Datasheet for ABIN516726
anti-HSP70 1A antibody (AA 1-641)



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2 Images

Overview

Quantity:	50 µL
Target:	HSP70 1A (HSPA1A)
Binding Specificity:	AA 1-641
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This HSP70 1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length recombinant HSPA1A.
Immunogen:	HSPA1A (AAH02453, 1 a.a. ~ 641 a.a) full-length recombinant protein with GST tag.
Sequence:	MAKAAAIGID LGTTYSCVGV FQHGKVEIIA NDQGNRTTPS YVAFTDTERL IGDAAKNQVA LNPQNTVFDA KRLIGRKFGD PVVQSDMKHW PFQVINDGDK PKVQVSYKGE TKAFYPEEIS SMVLTKMKEI AEAYLGYVPT NAVITVPAYF NDSQRQATKD AGVIAGLNVL RIINEPTAAA IAYGLDRTGK GERNLIFDL GGGTFDVSIL TIDDGIFEVK ATAGDTHLGG EDFDNRLVNH FVEEFKRKHK KDISQNKRAV RRLRTACERA KRTLSSSTQA SLEIDSLFEG IDFYTSITRA RFEELCSDLF RSTLEPVEKA LRDAKLDKAQ IHDLVLVGGS TRIPKVQKLL QDFFNGRDLN KSINPDEAVA YGAAVQAAIL MGDKSENVQD LLLLDVAPLS LGLETAGGVM TALIKRNSTI PTKQTQIFTT YSDNQPGVLI QVYEGERAMT KDNLLGRFE LSGIPPAPRG VPQIEVTFDI DANGILNVTA TDKSTGKANK ITITNDKGRL SKEEIERMVQ EAEKYKAEDE VQRERVSAKN ALESYAFNMK SAVEDEGLKG KISEADKKKV LDKCQEVISW LDANTLAEKD EFEHKRKELE

Product Details

QVCNPIISGL YQGAGGPGPG GFGAQQPKGG SGSGPTIEEV D

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: HSP70 1A (HSPA1A)

Alternative Name: HSPA1A ([HSPA1A Products](#))

Background: Full Gene Name: heat shock 70 kDa protein 1A
Synonyms: FLJ54303,FLJ54370,FLJ54392,FLJ54408,FLJ75127,HSP70-1,HSP70-1A,HSP70I,HSP72,HSPA1,HSPA1B

Gene ID: 3303

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

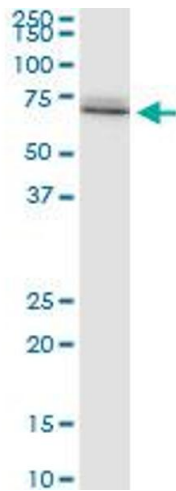
Format: Liquid

Buffer: 50 % glycerol

Handling Advice: Aliquot to avoid repeated freezing and thawing.

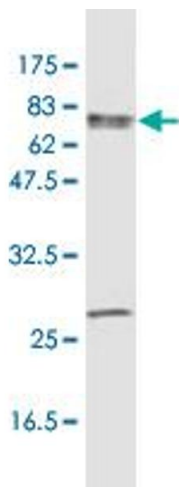
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. HSPA1A polyclonal antibody (A01), Lot # 070831JCSe. Western Blot analysis of HSPA1A expression in HeLa.



Western Blotting

Image 2. Western Blot detection against Immunogen (96.25 kDa).