

## Datasheet

### Hspa4 polyclonal antibody

**Catalog Number:** PAB15700

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against partial recombinant Hspa4.

**Immunogen:** Recombinant GST fusion protein corresponding to 92 mouse Hspa4.

**Sequence:**

LNLQNKQSLTVDPVVKTEIEAKIKELTSICSPIISKPKP  
KVEPPKEEPKHAEQNGPVDGQGDNPGSQAAEHGAD  
TAVPSDGDKKLPAMDID

**Host:** Rabbit

**Reactivity:** Human

**Applications:** WB

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Specific to recombinant protein GX0631. This antibody detects endogenous mHSPA4 protein in several cell types. It also recognizes human HSPA4 protein.

**Form:** Liquid

**Recommend Usage:** Western Blot (1:1000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (50% glycerol, 0.02% sodium azide)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 15525

**Gene Symbol:** Hspa4

**Gene Alias:** 70kDa, AI317151, APG-2, Hsp110, Hsp70RY, KIAA4025, mKIAA4025

**References:**

1. A comprehensive approach for establishment of the platform to analyze functions of KIAA proteins II: public release of inaugural version of InGaP database containing gene/protein expression profiles for 127 mouse KIAA genes/proteins. Koga H, Yuasa S, Nagase T, Shimada K, Nagano M, Imai K, Ohara R, Nakajima D, Murakami M, Kawai M, Miki F, Magae J, Inamoto S, Okazaki N, Ohara O. DNA Res. 2004 Aug 31;11(4):293-304.
2. High-throughput production of recombinant antigens for mouse KIAA proteins in Escherichia coli: computational allocation of possible antigenic regions, and construction of expression plasmids of glutathione-S-transferase-fused antigens by an in vitro recombination-assisted method. Hara Y, Shimada K, Kohga H, Ohara O, Koga H. DNA Res. 2003 Jun 30;10(3):129-36.
3. Cloning of apg-2 encoding a novel member of heat shock protein 110 family. Kaneko Y, Kimura T, Kishishita M, Noda Y, Fujita J. Gene. 1997 Apr 11;189(1):19-24.