

**HSPA13 / STCH (aa83-95) Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3943a****Specification**

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**HSPA13 / STCH (aa83-95) Antibody (internal region) - Product Information**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Application       | WB, E                                              |
| Primary Accession | <a href="#">P48723</a>                             |
| Other Accession   | <a href="#">NP_008879.3</a> , <a href="#">6782</a> |
| Reactivity        | Human                                              |
| Host              | Goat                                               |
| Clonality         | Polyclonal                                         |
| Concentration     | 0.5 mg/ml                                          |
| Isotype           | IgG                                                |
| Calculated MW     | 51927                                              |

**HSPA13 / STCH (aa83-95) Antibody (internal region) - Additional Information****Gene ID** 6782**Other Names**

Heat shock 70 kDa protein 13, Microsomal stress-70 protein ATPase core, Stress-70 protein chaperone microsome-associated 60 kDa protein, HSPA13, STCH

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

HSPA13 / STCH (aa83-95) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**HSPA13 / STCH (aa83-95) Antibody (internal region) - Protein Information****Name** HSPA13**Synonyms** STCH**Function**

Has peptide-independent ATPase activity.

**Cellular Location**

Microsome. Endoplasmic reticulum.

**Tissue Location**

Constitutively expressed in all tissues.

**HSPA13 / STCH (aa83-95) Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**HSPA13 / STCH (aa83-95) Antibody (internal region) - Images**

AF3943a (0.1 µg/ml) staining of Human Uterus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**HSPA13 / STCH (aa83-95) Antibody (internal region) - References**

Chemical manipulation of hsp70 ATPase activity regulates tau stability. Jinwal UK, Miyata Y, Koren J 3rd, Jones JR, Trotter JH, Chang L, O'Leary J, Morgan D, Lee DC, Shults CL, Rousaki A, Weeber EJ, Zuiderweg ER, Gestwicki JE, Dickey CA. J Neurosci. 2009 Sep 30;29(39):12079-88. PMID: 19793966