

Product datasheet for **TA349546S**

Hsp40 (DNAJB1) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: 293T cells IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm and Nucleus |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human DNAJB1 |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 38 kDa |
| Gene Name: | DnaJ heat shock protein family (Hsp40) member B1 |
| Database Link: | NP_006136 Entrez Gene 81489 Mouse Entrez Gene 3337 Human P25685 |



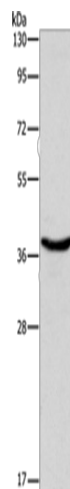
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Background:

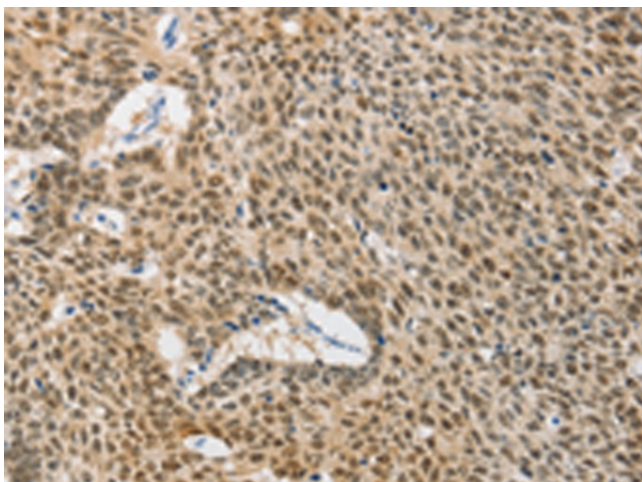
Heat shock protein 40 (HSP 40) family proteins bind to HSP 70 through their J-domain and regulate the function of HSP 70 by stimulating HSP 70 ATPase activity. HSP 40, also known as DnaJ, functions together with DnaK (HSP 70) and GrpE as a molecular chaperone, involving them in assembly and disassembly of protein complexes, protein folding, renaturation of denatured proteins, prevention of protein aggregation and protein export. HSP 40 stimulates the association between HSC 70 and HIP and translocates rapidly from the cytoplasm to the nuclei, and especially to the nucleoli, upon heat shock. There are five known HSP 40 family proteins.

Synonyms:

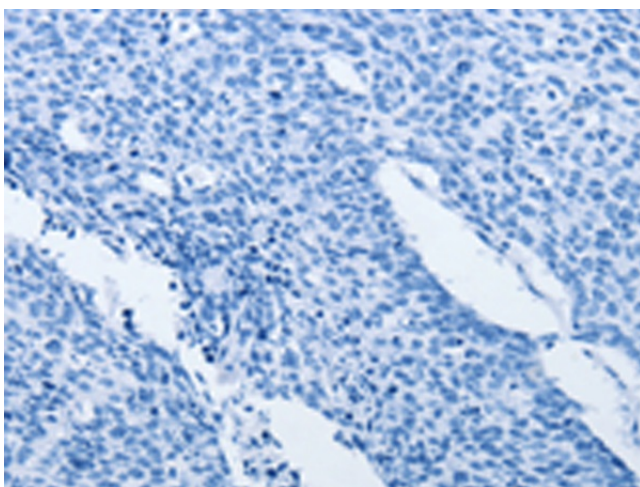
Hdj1; Hsp40; HSPF1; RSPH16B; Sis1

Product images:

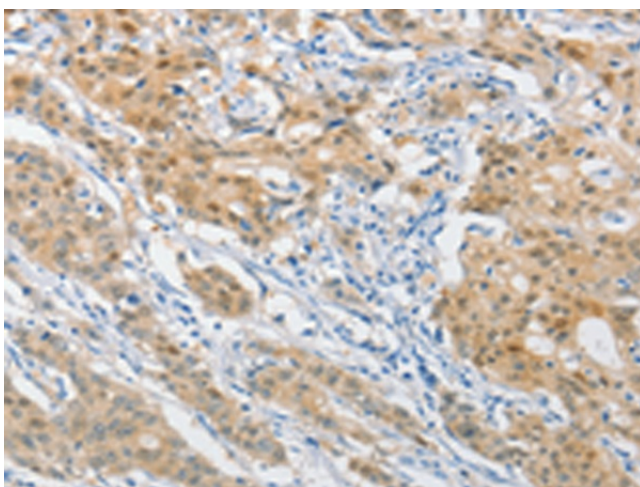
Gel: 15%SDS-PAGE
Lysate: 40 µg
Lane: 293T cells
Primary antibody: [TA349546] (DNAJB1 Antibody) at dilution 1/750
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 second



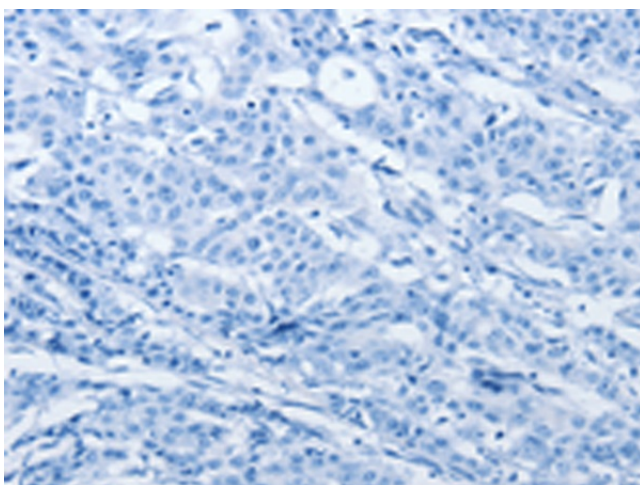
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349546] (DNAJB1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349546] (DNAJB1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349546] (DNAJB1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349546] (DNAJB1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)