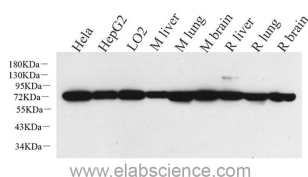


HSPA1A Polyclonal Antibody

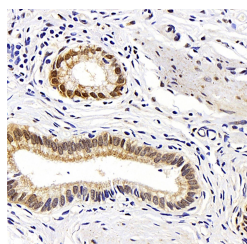
Catalog No.	E-AB-70102	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

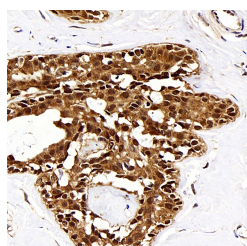
Images



Western Blot analysis of various samples using HSPA1A Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded human gallbladder using HSPA1A Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using HSPA1A Polyclonal Antibody at dilution of 1:500.

Immunogen Information

Immunogen	Recombinant protein corresponding to Mouse HSP70
Swissprot	P0DMV8,Q61696,P0DMW0
Synonyms	HSP70-1,HSP70.1,HSPA1,HSP72 ,Heat Shock 70 KDa Protein 1

Product Information

Calculated MW	70kDa
Observed MW	70kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:300-1:800

Background

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.