

HSPA1A Polyclonal Antibody

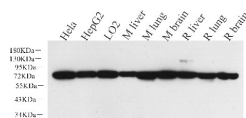
catalog number: E-AB-70102

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

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse HSP70
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

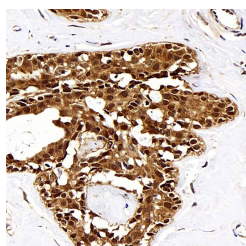
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:300-1:800

Data

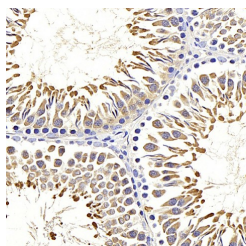


Western Blot analysis of various samples using HSPA1A Polyclonal Antibody at dilution of 1:500.

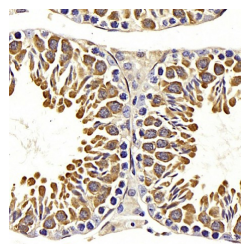
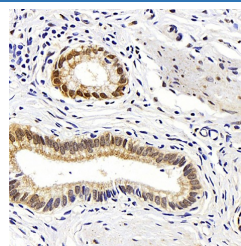
Observed-MW:70 kDa
Calculated-MW:70 kDa



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

For Research Use Only

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

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.