

**Product Name: HspA2 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02128**

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## Summary

<b>Production Name</b>	HspA2 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	HSPA2
<b>Alternative Names</b>	HSPA2; Heat shock 70kD protein 2; HSP70-2; HSP70-3; Heat shock 70 kDa protein 2; Heat shock 70kDa protein 2
<b>Gene ID</b>	3306
<b>SwissProt ID</b>	P54652

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100
<b>Molecular Weight</b>	Calculated MW: 70 kDa; Observed MW: 70 kDa

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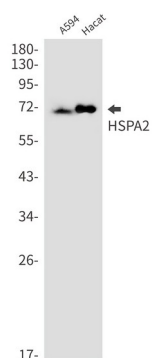
## Background

In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins.

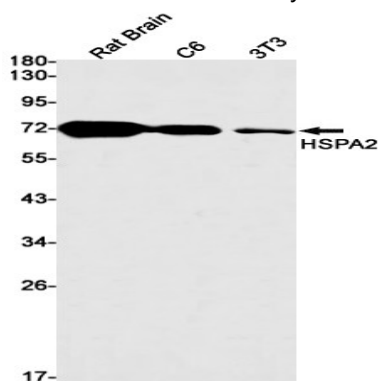
## Research Area

Signal Transduction

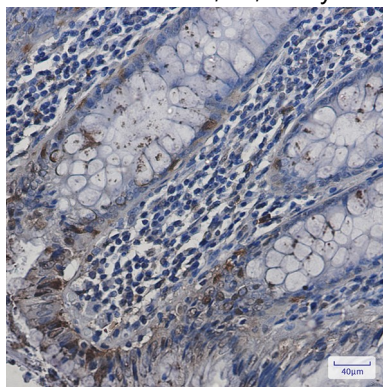
## Image Data



Western blot analysis of HSPA2 in A549, Hacat lysates using HspA2 antibody.



Western blot analysis of HSPA2 in rat Brain, C6, 3T3 lysates using HSPA2 antibody.



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Immunohistochemistry analysis of paraffin-embedded Human colon cancer using HSPA2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.