

**Product Name: HspA2 Rabbit Monoclonal Antibody****Catalog #: AMRe85682**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.63mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**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

**Antigen Information**

<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>	3306.0
<b>SwissProt ID</b>	P54652
<b>Immunogen</b>	Recombinant protein of human HSPA2

**Background**

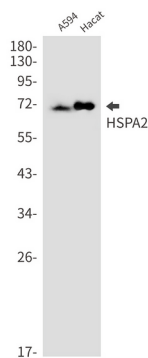
In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes

through their ability to recognize nonnative conformations of other proteins.

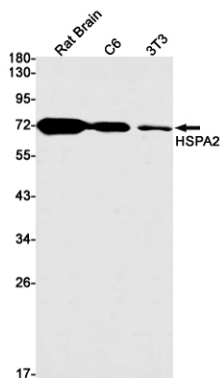
## Research Area

MAPK signaling pathway

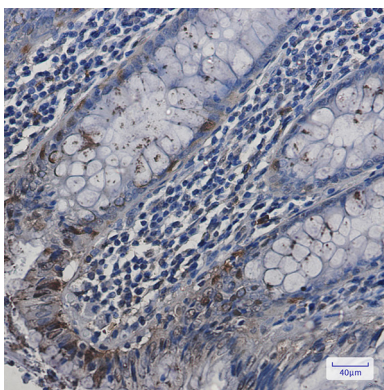
## Image Data



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



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



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.