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**Product Name: Hsp47 Rabbit Monoclonal Antibody****Catalog #: AMRe83873**

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>	0.55mg/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 PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200
<b>Molecular Weight</b>	46 kDa

**Antigen Information**

<b>Gene Name</b>	Hsp47
<b>Alternative Names</b>	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPRM; RA-A47; SERPINH2;;Serpine H1
<b>Gene ID</b>	
<b>SwissProt ID</b>	P50454
<b>Immunogen</b>	A synthesized peptide derived from human Serpin H1

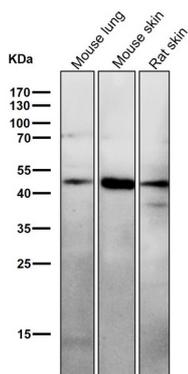
**Background**

This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the endoplasmic reticulum and plays a role in collagen biosynthesis as a collagen-specific molecular chaperone. Autoantibodies to

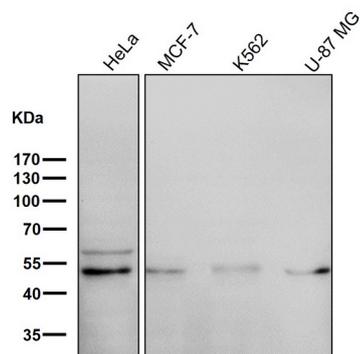
the encoded protein have been found in patients with rheumatoid arthritis.

## Research Area

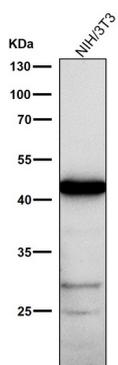
## Image Data



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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