

**Product Name: Angiotensinogen (15J4) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe06889**

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## Summary

<b>Production Name</b>	Angiotensinogen (15J4) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<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>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	AGT
<b>Alternative Names</b>	Angiotensinogen; Serpin A8; AGT; SERPINA8; Des-Asp[1]-angiotensin II; Serine (or cysteine) proteinase inhibitor;
<b>Gene ID</b>	183.0
<b>SwissProt ID</b>	P01019.

## Application

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	53kDa

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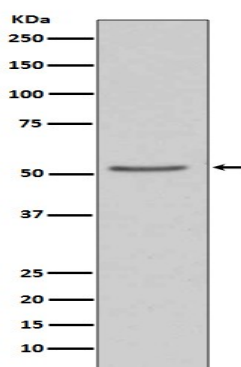


## Background

Angiotensin is formed from a precursor, angiotensinogen, which is produced by the liver and found in the  $\alpha$ -globulin fraction of plasma. Angiotensin stimulation through AT1 has been shown to activate the JAK/Stat pathway involving a direct interaction between JAK2 and AT1 as demonstrated by co-immunoprecipitation. Essential component of the renin-angiotensin system (RAS), a potent regulator of blood pressure, body fluid and electrolyte homeostasis. [Angiotensin-3]: stimulates aldosterone release.

## Research Area

## Image Data



Western blot analysis of Angiotensinogen expression in 293T cell lysate.

## Note

For research use only.