

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	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.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000, ICC/IF 1:100-1:200, IP 1:10-1:100
Molecular Weight	53kDa

Antigen Information

Gene Name	AGT
Alternative Names	Angiotensinogen; Serpin A8; AGT; SERPINA8; Des-Asp[1]-angiotensin II; Serine (or cysteine) proteinase inhibitor;
Gene ID	183.0
SwissProt ID	P01019
Immunogen	A synthetic peptide of human Angiotensinogen

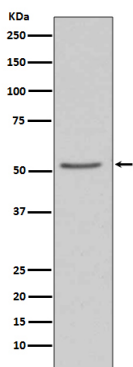
Background

Angiotensin is formed from a precursor, angiotensinogen, which is produced by the liver and found in the α -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

Cardiovascular

Image Data



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