

# Product Datasheet

## Angiotensin I Antibody (BGN/KA/4H) [Alexa Fluor® 647] NB100-62344AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-62344AF647**

Angiotensin I Antibody (BGN/KA/4H) [Alexa Fluor® 647]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BGN/KA/4H
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Conjugate</b>	Alexa Fluor 647
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	183
<b>Gene Symbol</b>	AGT
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Use in Rat reported in scientific literature (PMID:33028854).
<b>Specificity/Sensitivity</b>	NB100-62344 is specific for Angiotensin I and does not react with angiotensin II, III or angiotensinogen in ELISA. Enzyme (ACE) into a vasoactive form called Angiotensin II which is responsible for increasing blood pressure. Angiotensin I is important in the Renin-Angiotensin-Aldosterone System (RAAS). RAAS is responsible for the regulation of blood pressure and water retention in the body. Angiotensin I is produced from a reaction between the renal enzyme Renin and angiotensinogen. It is converted by Angiotensin Converting Enzyme (ACE) into a vasoactive form called Angiotensin II which is responsible for increasing blood pressure.
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 40-49 of the angiotensinogen precursor (Swiss-Prot entry P01019) conjugated to HMW carrier protein.
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Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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