

Product Datasheet

Angiotensin I Antibody (BGN/KA/4H) [Alexa Fluor® 532] NB100-62344AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-62344AF532

Angiotensin I Antibody (BGN/KA/4H) [Alexa Fluor® 532]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	BGN/KA/4H
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 532
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	183
Gene Symbol	AGT
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:33028854).
Specificity/Sensitivity	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.
Immunogen	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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