

Product Datasheet

Advanced Glycated End Products Antibody NB100-63095

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 3/30/2022 v.20.1

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NB100-63095**Advanced Glycated End Products Antibody**

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Goat
Species	Human, Mouse
Reactivity Notes	Human. Mouse reactivity reported in scientific literature (PMID: 22271422)
Specificity/Sensitivity	NB100-63095 recognizes a variety of advanced glycated end product (AGE) epitopes. Glycation is the post-translational modification of proteins, linking a reducing sugar to an amino group on a protein. AGEs are thought to be involved in structural and functional alterations of proteins observed in aging and diabetes. AGEs recognised by NB100-63095 include carboxymethyllysine and pentosidine. Increases in pentosidine levels are associated with aging, diabetes, cataracts, renal diseases, chronic rheumatoid arthritis, photaged skin and Alzheimers disease. Carboxymethyllysine is involved in uracemia.
Immunogen	Glycated modified protein

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:2000, ELISA 1:4000

Publications

de Souza Pinto R, Castilho G, Paim BA. Inhibition of macrophage oxidative stress prevents the reduction of ABCA-1 transporter induced by advanced glycated albumin. Lipids 2012-05-01 [PMID: 22271422] (WB, Mouse)





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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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