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# anti-AGE antibody (Biotin)



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Quantity:	100 μL
Target:	AGE
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGE antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### **Product Details**

Immunogen:	AGEs
Isotype:	IgG
Specificity:	Reacts with BSA-AGE.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### **Target Details**

Target:	AGE
Alternative Name:	AGEs (AGE Products)
Target Type:	Chemical

## **Target Details**

Expiry Date:

rarget Details		
Background:	Synonyms: Advanced Glycation End products, Serum albumin, BSA, ALB	
	Background: Advanced Glycation End products (AGEs) are the result of a chain of chemical	
	reactions after an initial glycation reaction. The intermediate products are known, variously, as	
	Amadori, Schiff base and Maillard products, named after the researchers who first described	
	them. (The literature is inconsistent in applying these terms. For example, Maillard reaction	
	products are sometimes considered intermediates and sometimes end products.) Side	
	products generated in intermediate steps may be oxidizing agents (such as hydrogen peroxide),	
	or not (such as beta amyloid proteins). "Glycosylation" is sometimes used for "glycation" in the	
	literature, usually as 'non-enzymatic glycosylation. The AGE-modified BSA was produced by	
	reacting BSA with glycolaldehyde under sterile conditions followed by extensive dialysis and	
	purification steps.	
Gene ID:	280717	
UniProt:	P02769	
Application Details		
Application Notes:	WB 1:300-5000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C for 12 months.	

12 months