

## Anti-Ager Antibody Picoband® Biotin Conjugated

Catalog Number: A03438-2-Biotin

### About Ager

Enables S100 protein binding activity; advanced glycation end-product binding activity; and heparin binding activity. Involved in several processes, including cellular response to amyloid-beta; negative regulation of long-term synaptic potentiation; and positive regulation of cytokine production. Acts upstream of or within several processes, including induction of positive chemotaxis; negative regulation of advanced glycation end-product receptor activity; and positive regulation of macromolecule metabolic process. Located in extracellular space and plasma membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and lung. Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); cardiovascular system disease (multiple); cystic fibrosis; kidney failure (multiple); and lupus nephritis. Orthologous to human AGER (advanced glycosylation end-product specific receptor).

### Overview

Product Name	Anti-Ager Antibody Picoband® Biotin Conjugated
Reactive Species	Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q62151

### Technical Details

Immunogen	E.coli-derived mouse Ager recombinant protein (Position: Q24-E320).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users.

Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.  
ELISA, Optimal dilutions should be determined by end users.

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