

## Rabbit AGE Polyclonal Antibody | anti-AGE antibody

AGE Antibody BIOTIN-Conjugated

| CATALOG # | HOST   | REACTIVITY                   | APPLICATIONS        |
|-----------|--------|------------------------------|---------------------|
| AAA75836  | Rabbit | Bovine, Human, Monkey, Panda | Western Blot, ELISA |

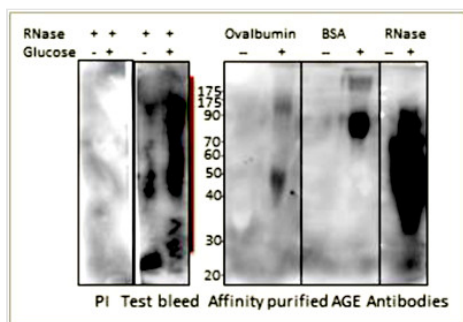
### PRODUCT SYNONYMS

AGE; Polyclonal Antibody; AGE Antibody BIOTIN-Conjugated; Advanced glycation end products; AGEs antibody; anti-AGE antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                           |
| Reactivity                                    | Bovine, Human, Monkey, Panda                                                                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                                                       |
| Form/Format                                   | BIOTIN-Conjugated                                                                                                                                                |
| Concentration                                 | One hundred micrograms (100ug) antibody in 200ul of antibody stabilization buffer. (varies by lot)                                                               |
| Applicable Applications for anti-AGE antibody | WB (Western Blot), ELISA                                                                                                                                         |
| Immunogen                                     | Purified glycated ribonuclease corresponding to AGE. Glycated ribonuclease (RNase) prepared by incubating RNase with glucose at 37• degree C for several months. |
| Preparation and Storage                       | -20• degree C for long term storage                                                                                                                              |

### IMAGES



WB (Western Blot)

WB of AAA75836 diluted at 1:500 in DiluObuffer. Non-glycated and glycated proteins were rrvtophressed on 12 % gel.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-AGE antibody

BIOTIN-Conjugated Advance Glycated Endproduct Antibody

Mediates interactions of advanced glycosylation end products (AGE). These are nonenzymatically glycosylated proteins which accumulate in vascular tissue in aging and at an accelerated rate in diabetes. Acts as a mediator of both acute and chronic vascular inflammation in conditions such as atherosclerosis and in particular as a complication of diabetes. AGE/RAGE signaling plays an important role in regulating the production/expression of TNF-alpha, oxidative stress, and endothelial dysfunction in type 2 diabetes. Interaction with S100A12 on endothelium, mononuclear phagocytes, and lymphocytes triggers cellular activation, with generation of key proinflammatory mediators.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/age-antibody-western-blot-elisa/75836>