

## IgG secondary antibody

Anti-Rat IgG, DyLight550

|                              |                     |                          |                                                         |
|------------------------------|---------------------|--------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA63222</b> | HOST<br><b>Goat</b> | REACTIVITY<br><b>Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|------------------------------|---------------------|--------------------------|---------------------------------------------------------|

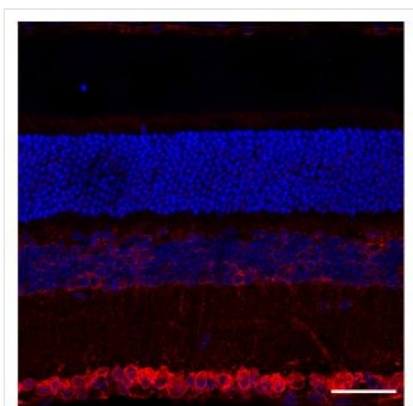
### PRODUCT SYNONYMS

IgG; Polyclonal Secondary Antibody; Anti-Rat IgG; DyLight550; Immunoglobulin G antibody; IgG secondary antibody

### PRODUCT SPECIFICATIONS

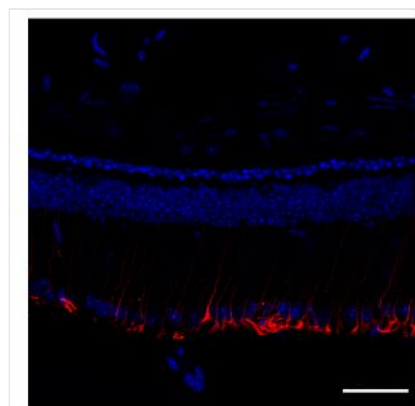
|                                                    |                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Host                                               | Goat                                                                                                    |
| Reactivity                                         | Rat                                                                                                     |
| Clonality                                          | Polyclonal                                                                                              |
| Isotype                                            | IgG                                                                                                     |
| Specificity                                        | Using serum samples detects rat IgG by Western blot. Reduced cross-reactivity to other species.         |
| Purity/Purification                                | Epitope affinity purified                                                                               |
| Form/Format                                        | Polyclonal antibody supplied as a 200ul (2.5mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. |
| Concentration                                      | 2mg/ml (varies by lot)                                                                                  |
| Applicable Applications for IgG secondary antibody | IF (Immunofluorescence), WB (Western Blot)                                                              |
| Conjugation                                        | DyLight550                                                                                              |
| Immunogen                                          | Full rat IgG affinity purified from rat (R. norvegicus) serum using protein G. Purity >95% by SDS-PAGE. |
| Preparation and Storage                            | Store at -20 C for long-term storage. Store at 2-8 C for up to one month.                               |

### IMAGES



#### IS (Immunostaining)

Immunostaining - C57BL/6J mouse retina label with: Red - 1st Ab GRP78 BiP (1/250); 2nd Ab goat anti-rat (AB28550, 1/1000), Blue - Nuclear staining (DAPI), scale bar = 40 um;



#### IS (Immunostaining)

Immunostaining - rd16 (retinal degeneration) mouse retina labeled with: Red - 1st Ab GFAP (1/500); 2nd Ab goatAnti-rat (AB28550, 1/1000), Blue - Nuclear staining (DAPI), scale bar = 40 um;

| Sample | WB  | IHC (F) | IHC (P) | IF  | ELISA | IEM |
|--------|-----|---------|---------|-----|-------|-----|
| Rat    | +++ | ND      | ND      | +++ | ND    | ND  |

Reactivity Data

## ADDITIONAL INFORMATION

### Related Product Information for IgG secondary antibody

Goat polyclonal antibody to rat IgG conjugated to DyLight550.

**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://www.aaabiotech.com/polyclonal/igg-secondary-antibody-immunofluorescence-western-blot-elisa/63222>