

## Goat Anti-Rat IgG (Full length) antibody {DyLight®550} (STJ140236)

STJ140236

### GENERAL INFORMATION

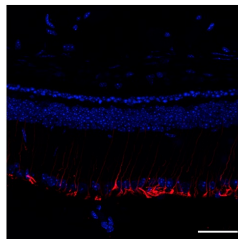
<b>Product Type</b>	Secondary antibodies
<b>Short Description</b>	DyLight®550-conjugated goat polyclonal anti-Rat IgG Full length secondary antibody. For use in most research applications.
<b>Applications</b>	WB/IF
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Rat

### PRODUCT PROPERTIES

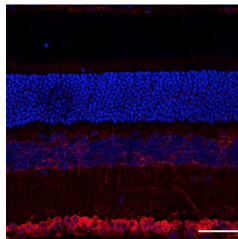
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	2 mg/mL
<b>Conjugation</b>	DyLight®550
<b>Purification</b>	Epitope affinity purified
<b>Dilution Range</b>	WB 1:2000-1:10000 IF 1:100-1:1000
<b>Formulation</b>	PBS, 20% Glycerol, 0.05% ProClin® and 0.05% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage</b>	For continuous use, store at 2-8 °C for one-two days. For extended storage, store in -20 °C freezer. Working dilution samples should be discarded if not used within 12 hours.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	
<b>Gene Symbol</b>	
<b>Uniprot ID</b>	
<b>Immunogen</b>	Full rat IgG affinity purified from rat (R. norvegicus) serum using protein G. Purity >95% by SDS-PAGE.
<b>Immunogen Region</b>	Full length
<b>Specificity</b>	Using serum samples detects rat IgG by Western blot. Reduced cross-reactivity to other species.
<b>Immunogen Sequence</b>	



Immunostaining- rd16 (retinal degeneration) mouse retina labeled with: Red- 1st antibody GFAP (1/500) ; 2nd antibody goat anti-rat (STJ140236, 1:1000) , Blue- Nuclear staining (DAPI) , scale bar = 40 µm



Immunostaining- C57BL/6J mouse retina label with: Red- 1st antibody GRP78 BIP (1/250) ; 2nd antibody goat anti-rat (STJ140236, 1:1000) , Blue- Nuclear staining (DAPI) , scale bar = 40 µm

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081