SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB28550-200	500 µg

Anti-Rat IgG, DyLight®550

Source: Goat

General description: Goat polyclonal antibody to rat IgG conjugated to DyLight®550.

Alternative names: Immunoglobulin G antibody.

Form: Polyclonal antibody supplied as a 200 µl (2.5 mg/ml) aliquot in PBS, 20% glycerol, 0.05% ProClin® and 0.05% sodium azide.

Immunogen: Full rat IgG affinity purified from rat (R. norvegicus) serum using protein G. Purity >95% by SDS-PAGE.

Specificity: Using serum samples detects rat IgG by Western blot. Reduced cross-reactivity to other species.

Reactivity: Reacts with Rat proteins

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

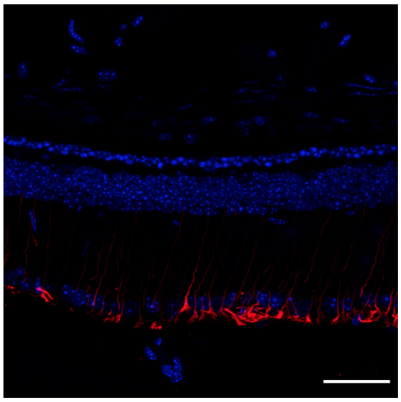
+++ excellent, ++ good, + poor, ND not determined

Usage:

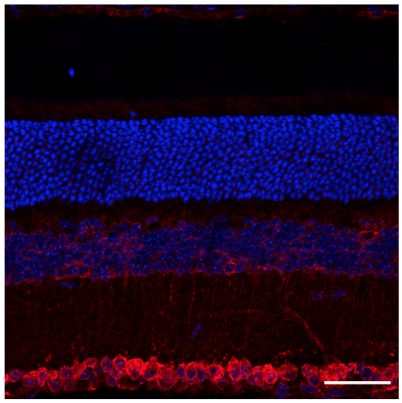
WB: 1:2,000-1:10,000
IF: 1:100-1:1,000

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



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



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;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.