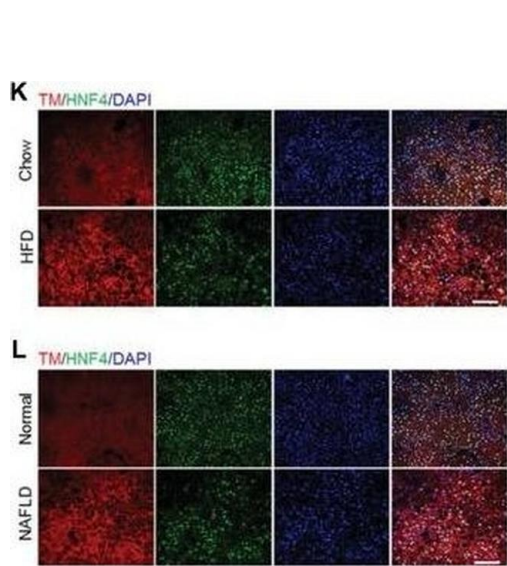


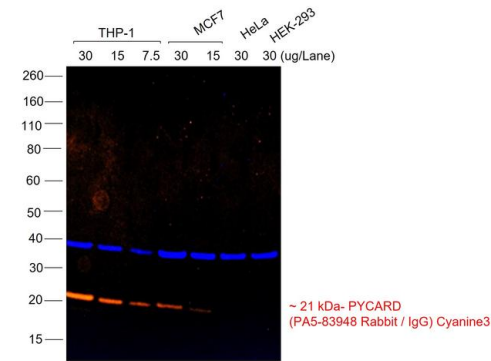
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Cyanine3

Product Details	
Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Cyanine3
Excitation/Emission Max	554/566 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2534029

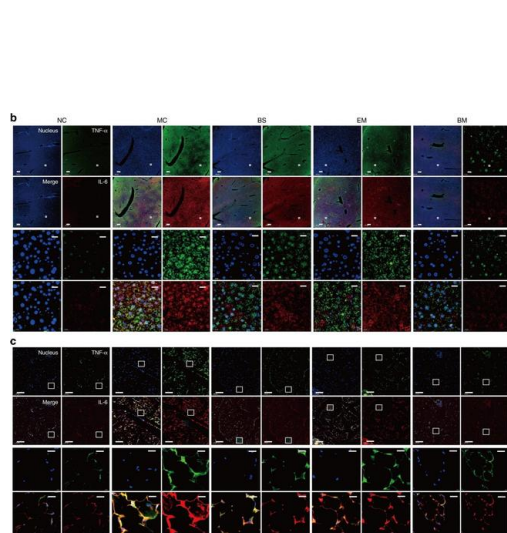
Applications	Tested Dilution	Publications
Western Blot (WB)	1:10,000	0 Publication
Immunohistochemistry (IHC)	-	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	0 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A10520) in IHC
TMEM16A expression is increased in livers with hepatic steatosis. A,B) Representative traces of whole-cell patch-clamp recordings of ICl_{Ca} in primary hepatocytes treated with T16Ainh-A01 (10 μ mol L⁻¹) (A) or in hepatocytes transfected with negative siRNA (Neg) or TMEM16A siRNA (40 nmol L⁻¹) (B) for 24 h. ICl_{Ca} was recorded in the presence of 500 nmol L⁻¹ [Ca²⁺]_i. I-V curves of ICl_{Ca} are shown. *P < 0.05 versus 500 nmol L⁻¹ [Ca²⁺]_i (control), n = 6. C,D) ICl_{Ca} evoked by 500 nmol L⁻¹ [Ca²⁺]_i was potentiated in hepatocytes isolated from mice after feeding HFD for 32 weeks (C) or stimulated with palmitate (200 μ mol L⁻¹) for 24 h in vitro (D), which was inhibited by T16Ainh-A01. *P < 0.05 versus chow or BSA, #P < 0.05 versus HFD or palmitate, n = 6. E) TMEM16A (TM) mRNA level in liver tissues of mice fed with chow diet or HFD for 32 weeks. *P < 0.05 versus chow, n = 16 per group. F) Western blotting of TMEM16A in livers from mice after chow diet or HFD treatment for 32 weeks, n = 6 per group. G) Representative western blotting of TMEM16A expression in livers of mice after HFD for the indicated time periods, n = 6 per group. H,I) TMEM16A mRNA (H) and protein (I) levels in livers from normal individuals (n = 5) or NAFLD patients (n = 18). *P < 0.05 versus normal. J) Pearson correlation analysis of the relationship between TMEM16A protein expression and NAFLD score in human subjec... Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32440483>), licensed under a CC BY license.



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A10520) in WB
Multiplexed fluorescent western blot was performed using Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Cyanine3 (Product # A10520). Whole cell extracts of THP-1 (Lane 1, 2, 3), MCF7 (Lane 4, 5), HeLa (Lane 6) and HEK-293 (Lane 7) were electrophoresed usingNuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were transferred onto anitrocellulose membrane (Product # IB23001) byiBlot® 2 Dry BlottingSystem (Product # IB21001). The blot was probed with PYCARD Polyclonal Antibody (Product # PA5-83948) and GAPDH Loading Control Monoclonal Antibody (GA1R) (Product # MA5-15738). Secondary antibodies (Product # A10520, 1:10000 dilution) and (Product # A32789, 1:20000 dilution) were used for detection of PYCARD and GAPDH respectively. Fluorescent detection was performed usingiBrightFL1500 (Product # A44115). The anti-rabbit secondary antibody (Product # A10520) specifically detects the rabbit primary antibody.



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A10520) in IHC
Inflammation condition analysis. HFD-fed C57BL/6J mice treated with various BBR formulations by gavage. a Pro-inflammation cytokine levels in plasma. Following the termination of the experiment, blood samples were collected and used for the determination of plasma TNF-, IL-1, IL-2, IL-6, IL-10, IL-12, IL-17, MCP-1, MMP-9, and IFN levels by enzyme linked immunosorbent assay (ELISA) according to instruction of the manufacturer with a illuminometer at 490 nm. The tissue of epididymal fat and liver were harvested. b Representative photograph of immunofluorescent stained liver tissues for IL-6 (red) and TNF- (green) visualized using C2t Nikon fluorescent microscope (Morrell, USA). The regions of interest (ROI) are boxed in white, and their magnified images are shown at the bottom. c Representative photographs of immunofluorescent stained adipose tissues for IL-6 (red) and TNF-a (green) visualized using C2t Nikon fluorescent microscope (Morrell, USA). The regions of interest (ROI) are boxed in white, and their magnified images are shown at the bottom. d The protein expression of IL-6 and TNF- in liver tissue (up) and adipose (down) were evaluated by western blot. e The expression of IL-6 and TNF- mRNA in liver tissue (left side) and adipose tissue (right side) were evaluated by RT-PCR. Data are presented as mean $\pm$ SEM (n = 10). *p < 0.05, **p < 0.01, ***p < 0.001, vs mice in MC group;... Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31040273>), licensed under a CC BY license.

 244 References

Dual action of macrophage miR-204 confines cyclosporine A-induced atherosclerosis. Br J Pharmacol (2024)

A two-step activation mechanism enables mast cells to differentiate their response between extracellular and invasive enterobacterial infection. Nat Commun (2024)

TMPRSS2 isoform 1 downregulation by G-quadruplex stabilization induces SARS-CoV-2 replication arrest. BMC Biol (2024)

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Scaffold-induced compression enhances ligamentization potential of decellularized tendon graft reseeded with ACL-derived cells. iScience (2023)

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