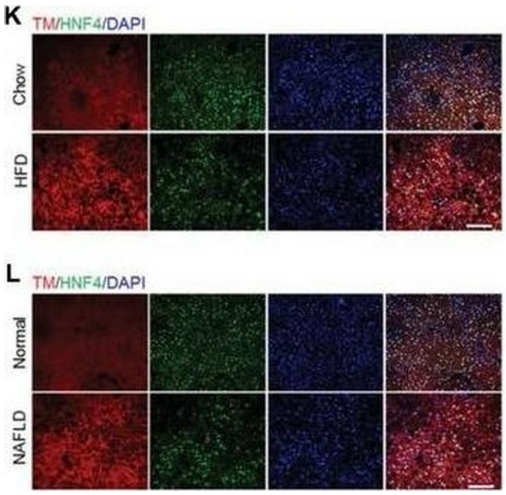
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Cyanine3

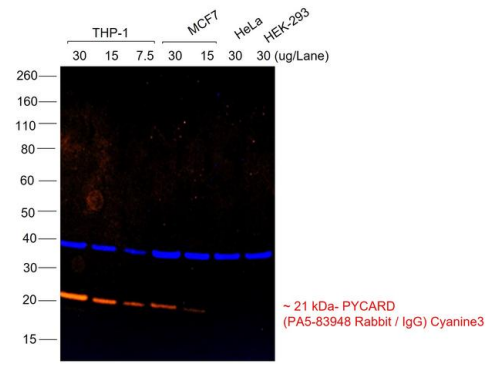
Product Details	
Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Cyanine3
Excitation/Emission Max	554/566 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, 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

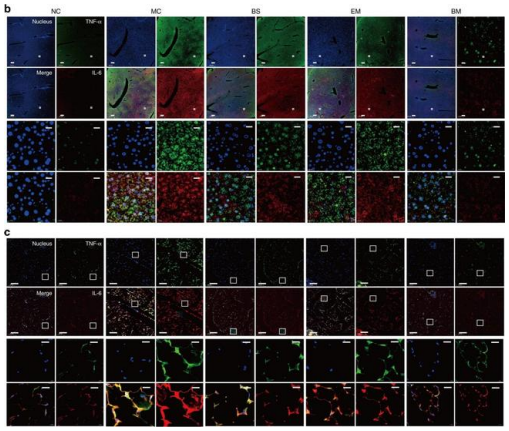
Product Images For Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Cyanine3



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 µmol L1) (A) or in hepatocytes transfected with negative siRNA (Neg) or TMEM16A siRNA (40 nmol L1) (B) for 24 h. ICl.Ca was recorded in the presence of 500 nmol L1 [Ca2+]i. I-V curves of ICl.Ca are shown. *P < 0.05 versus 500 nmol L1 [Ca2+]i (control), n = 6. C,D) ICl. Ca evoked by 500 nmol L1 [Ca2+]i was potentiated in hepatocytes isolated from mice after feeding HFD for 32 weeks (C) or stimulated with palmitate (200 µmol L1) 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 ± 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.

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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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