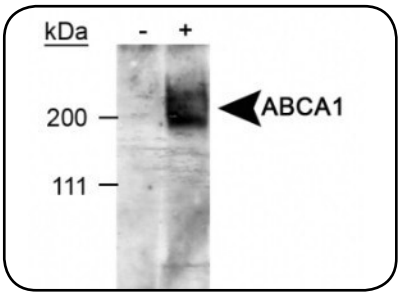
ANTIBODIES FOR LIPID METABOLISM

NOVUS BIOLOGICALS a bio-techne brand

Alterations in lipid metabolism are implicated in several human pathologies, such as cardiovascular, disease, obesity, diabetes mellitus, cancer, inflammation, neurodegeneration, and some genetic disorders. Thus, lipid metabolic signaling pathways have become central to better understanding many diseases and developing preventative and therapeutic treatments.

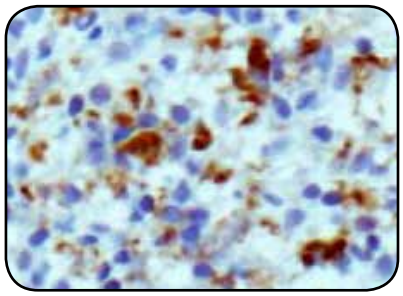
Novus Biologicals offers a comprehensive range of high quality primary antibodies, both unconjugated and directly conjugated, as well as related support products, for lipid research. The validation data of some of our popular targets is shown below:

ABCA1 Antibody
[NB400-105]
(242 Publications)



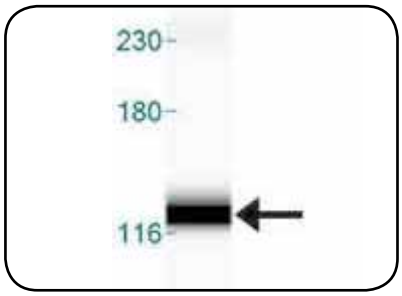
Western Blot analysis of ABCA1 in total cell lysates of RAW264.9 cells treated with vehicle (-) or 9-cisretinoic acid and 22R-hydroxycholesterol (+).

CD68 Antibody
[NB100-683]
(33 Publications)



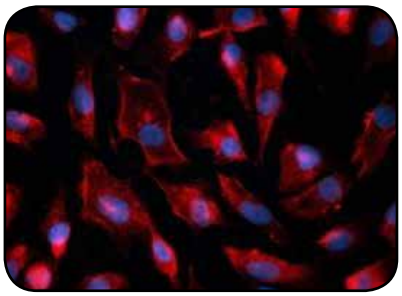
Immunohistochemistry-Paraffin analysis of CD68 in formalin fixed human spleen tissue section using HRP-DAB based detection and hematoxylin counterstaining.

SR-BI Antibody
[NB400-104]
(140 Publications)



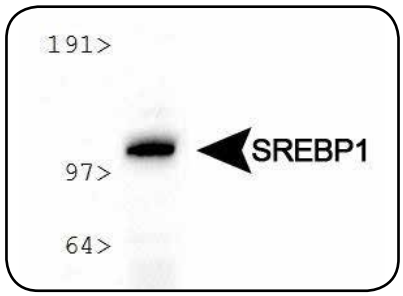
*Simple Western lane view shows a specific band for SR-BI (glycosylated form) in 0.5 mg/ml of HeLa lysate under reducing conditions using the 12-230 kDa separation system.

Caveolin-1 Antibody
[NB100-615]
(16 Publications)



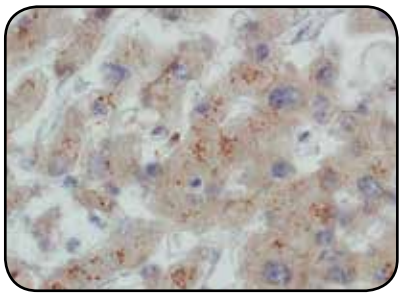
Immunofluorescence staining of cultured EaHy926 human endothelial cells showing clear localization of Caveolin-1 in the lipid raft/membrane.

SREBP1 Antibody
[NB600-582]
(23 Publications)



Western blot analysis of whole cell lysate from HeLa cells showing a single specific band for the expression of SREBP1 precursor protein (~120 kDa).

LDL R Antibody
[NBP1-78159]
(14 Publications)



Immunohistochemistry-Paraffin analysis of LDL Receptor expression in formalin fixed human liver tissue section using HRP-DAB based detection and hematoxylin counterstaining.

**Molecular weights observed in Simple Western are different than traditional Westerns. Learn more at: www.proteinsimple.com*

p: 303.730.1950 • f: 303.730.1966 • e: novus@novusbio.com • www.novusbio.com

Popular Lipid Targets

Target	Catalog	Host/Clonality	Applications	Species	Citations
ABCA1	NB400-105	Rb/Poly	WB, SW, ChIP, ICC/IF, IHC +	Hu, Mu, Rt, Po, Ca+	242
ABCA1	NB100-2068	Mu/Mono	WB, Flow, IHC	Hu, Mu, Rt, Rb	7
ABCA7	NB400-163	Rt/Mono	WB, Flow	Mu	
ABCG1	NB400-132	Rb/Poly	WB, ICC/IF, IHC, In vitro	Hu, Mu, Rt, Ha, Pm +	96
Adiponectin	NB100-65810	Rb/Poly	WB, Flow, ICC/IF, IHC	Hu, Mu, Rt	7
Adiponectin	MAB10651	Mu/Mono	ELISA	Hu	3
ApoA1	NB600-609	Gt/Poly	WB, ELISA, ICC/IF, IHC, IP	Mu	4
ApoE	NB110-60531	Mu/Mono	WB, ELISA, Flow, ICC/IF, IHC +	Hu, Mu	10
CD36/SR-B3	NB400-144	Rb/Poly	WB, ICC/IF, IHC	Hu, Mu, Rt, Po, Pm +	35
CD36/SR-B3	NB110-59724	Mu/Mono	WB, IHC, IP	Mu, Rt	7
CD68/SR-D1	NBP2-33337	Rt/Mono	WB, Flow, ICC/IF, IHC, IP	Mu	44
CD68/SR-D1	NB100-683	Mu/Mono	WB, Flow, ICC/IF, IHC, IP	Hu, Mu, Rt	33
HMGCR	NBP1-91996	Rb/Poly	IHC	Hu	3
IGF-I	NBP2-34361	Mu/Mono	WB, B/N, Flow, ICC/IF, IHC +	Hu, Mu, Rt, Rb	
IGF-I R	NB110-87052	Mu/Mono	WB, ELISA, Flow, IHC	Hu	8
LDL R	NBP1-78159	Mu/Mono	WB, Flow, ICC/IF, IHC, IP +	Hu, Rt, Po, Bv	14
LDL R	NBP1-06709	Rb/Poly	WB, SW, ICC/IF, IHC	Hu, Mu	3
SR-BI	NB400-104	Rb/Poly	WB, SW, Flow, ICC/IF, IHC +	Hu, Mu, Rt, Ha, Rb +	140
SR-BI	NB400-101	Rb/Poly	WB, SW, B/N, Flow, IHC +	Hu, Mu, Rt, Bv, Pm +	80
SR-BI/SR-BII	NB400-134	Rb/Poly	WB, Flow, ICC/IF, IHC, IP	Hu, Mu, Rt	6
VLDL R	NBP1-78162	Mu/Mono	WB, ICC/IF, IHC	Hu, Mu, Rt, Bv	5
Leptin	MAB398	Mu/Mono	ELISA, B/N	Hu	9
SR-AI/MSR	NBP1-00092	Rb/Poly	WB, ICC/IF, IHC	Hu, Mu	2
PCSK9	NB300-959	Gt/Poly	WB, ChIP, IHC, ELISA	Hu	9
LPL	NBP2-01395	Mu/Mono	WB, Flow, IHC	Hu	
LXR	NB400-157	Rb/Poly	WB, SW	Hu, Mu, Po, Pm	9
LRP1	NB600-1477	Mu/Mono	WB, Flow, IHC	Hu	
ANGPTL4	NBP2-19016	Rb/Poly	WB, ICC/IF	Hu, Mu	
PPAR alpha	NB300-537	Mu/Mono	WB, Flow, GS, IHC, IP	Hu, Mu, Rt, Bv, Rb	7
PPAR gamma	NBP1-61399	Rb/Poly	WB, ELISA, IHC	Hu, Mu, Rt	2
SREBP1	NB600-582	Mu/Mono	WB, SW	Hu, Mu, Rt, Ca, Ha	23
SREBP2	NBP1-54446	Mu/Mono	WB, ELISA, GS, ICC/IF, IP	Hu, Ch	14
Abhd5	NB110-41576	Rb/Poly	WB, SW, ICC/IF	Hu, Mu, Rt	20
Caveolin-1	NB100-615	Mu/Mono	WB, Flow, ICC/IF, IHC, IP	Hu, Mu, Rt, Sh	16
FFAR4/GPR120	NBP1-00858	Rb/Poly	WB, ICC/IF, IHC	Hu, Mu, Rt	6

Species Key: Bv (Bovine), Ca (Canine), Ch (Chicken), Gt (Goat), Ha (Hamster), Hu (Human), Mu (Mouse), Pm (Non-human Primates), Po (Porcine), Rb (Rabbit), Rt (Rat), Sh (Sheep)

Applications Key: B/N (Blocking/Neutralization), ChIP (Chromatin Immunoprecipitation), GS (Gel Super Shift Assay), ELISA (ELISA Capture and/or Detection), Flow (Flow Cytometry), ICC/IF (Immunocytochemistry/Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), In vitro (in-vitro), SW (Simple Western), WB (Western blot)