

# ABCA1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Dog, Chicken, Hamster, Human, Mustelid, Mouse, Pig, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	synthetic peptide corresponding to amino acids 1100-1300 of Human ABCA 1.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2257654

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	1:400	-
Immunoprecipitation (IP)	1:10-1:500	-
ChIP assay (ChIP)	Assay-dependent	-
Gel Shift (GS)	Assay-dependent	-

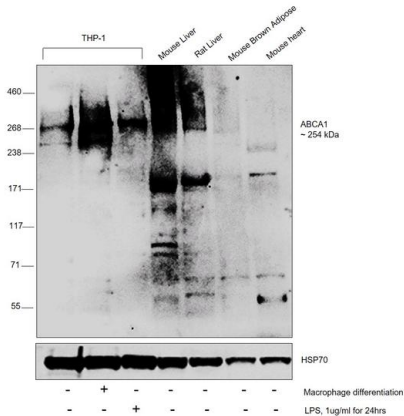
## Product Specific Information

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For ABCA1 Polyclonal Antibody

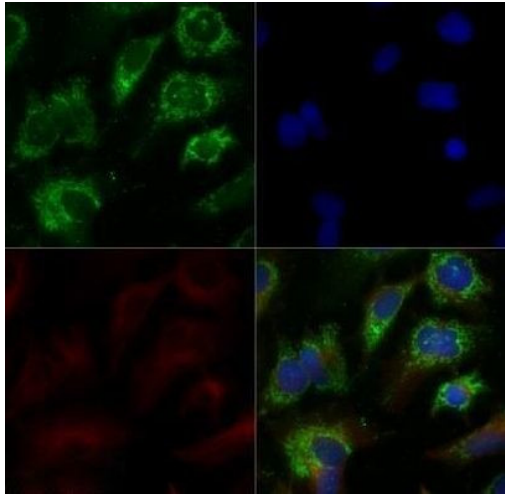
ABCA1 Antibody (PA1-32129) in WB

Western blot was performed using anti-ABCA1 Polyclonal Antibody (Product # PA1-32129) and a 254 kDa band corresponding to ABCA1 was increased upon THP-1 differentiated to macrophages and LPS treatment in THP-1. Also, the expression was observed to be high in Mouse and Rat Liver when compared to other tissues. Few uncharacterized bands were also observed across the samples tested. Membrane enriched extracts (30 µg lysate) of THP-1 (Lane 1), THP-1 differentiated to macrophages (Lane 2), THP-1 treated with LPS (1 µg/mL for 24hrs) (Lane 3), Mouse Liver (Lane 4), Rat Liver (Lane 5), Mouse Brown Adipose (Lane 6) and Mouse Heart (Lane 7) were electrophoresed using NuPAGE™ 3-8% Tris-Acetate Protein Gels (Product # EA0378BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



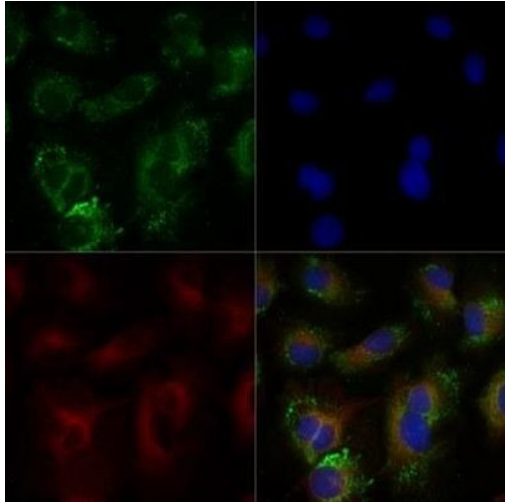
ABCA1 Antibody (PA1-32129) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of ABCA1 in HepG2 cells (serum starvation 24hrs and treated with 1uM TO9). Cells were fixed with 10% formalin, permeabilized with 0.5% Triton-X100 and ABCA1 Polyclonal Antibody (Product # PA1-32129) (Green) at a dilution of 5 µg/mL was used as a primary antibody. Red : Tubulin. Blue: DAPI.



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