

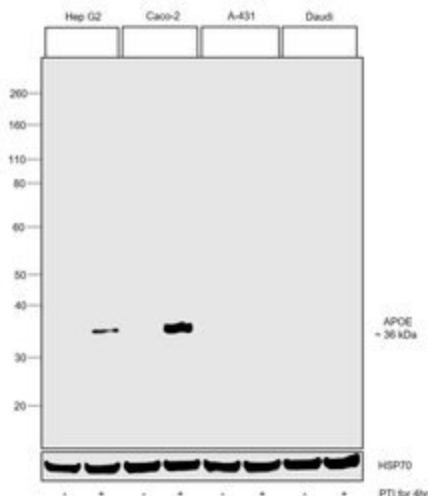
APOE Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (VGTSAAPVPSDNH) corresponding to the C-terminus amino acids of APOE
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10979861

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	5 µg/ml	-
Immunofluorescence (IF)	5 µg/ml	-
Immunohistochemistry (IHC)	2-4 µg/mL	-
Western Blot (WB)	0.1-0.3 µg/mL	-

APOE Antibody (PA5-18361)

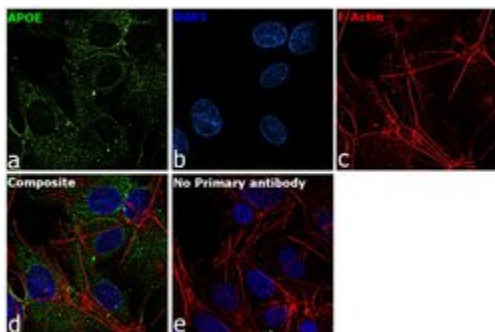
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lysates tested owing to their inherent genetic constitution. Relative expression of APOE was observed in Hep G2 and Caco-2 as compared to A-431 and Daudi using Anti-APOE Monoclonal Antibody (E6D7) (Product # PA5-18361) in Western Blot. Relative expression validation info.



Product Images For APOE Polyclonal Antibody

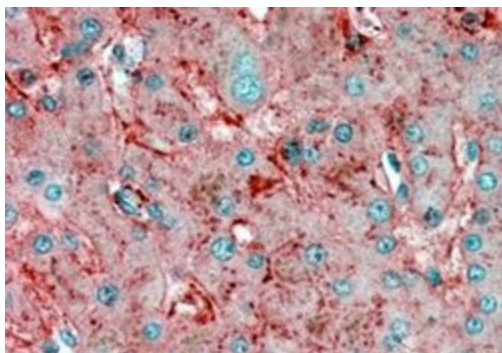
APOE Antibody (PA5-18361) in ICC

Immunofluorescence analysis of APOE was performed using 70% confluent log phase Hep G2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with APOE Goat Polyclonal Antibody (Product # PA5-18361) at 5 µg/mL in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488 (Product # A-11078) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415). Panel d represents the merged image showing cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



APOE Antibody (PA5-18361) in IHC

Immunohistochemical staining of paraffin embedded of Human Liver using Product # PA5-18361 at a concentration of 2.5 µg/mL. The tissue was processed by steamed antigen retrieval with citrate buffer pH 6 and stained with AP.



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