

Anti-APOA1 antibody (25-267) (STJ22644)

STJ22644

GENERAL INFORMATION

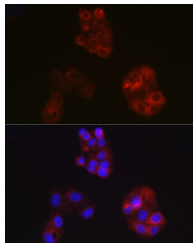
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

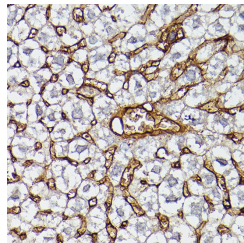
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

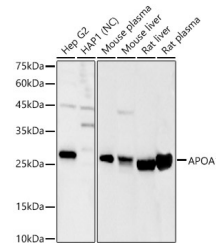
Gene ID	335
Gene Symbol	APOA1
Uniprot ID	APOA1_HUMAN
Immunogen	
Immunogen Region	25-267
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 25-267 of human APOA1 (NP_000030.1).
Immunogen Sequence	DEPPQSPWDRVKDLATVYVD VLKDSGRDYVSQFEGSALGK QLNLKLLDNWDSVTSTFSKL REQLGPVTQEFWDNLEKETE GLRQEMSKDLLEEVKAKVQPY LDDFQKKWQEEMELYRQKVE PLRAELQEGARQKLHELQEK LSPLGEEMRDRARAHVDALR THLAPYSDELQRQLAARLEA LKENGGARLAEYHAKATEHL STLSEKAKPAEDLRQGLLP VLESFKVSFLSALEEYTKK



Immunofluorescence analysis of HepG2 cells using APOA1 Rabbit polyclonal antibody (STJ22644) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of APOA1 in paraffin-embedded mouse liver using APOA1 Rabbit polyclonal antibody (STJ22644) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using APOA1 Rabbit polyclonal antibody (STJ22644) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Negative control (NC): HAP1. Exposure time: 180s.