Anti-ALDH1A1 antibody (329-345) (STJ22577)

STJ22577

GENERAL INFORMATION

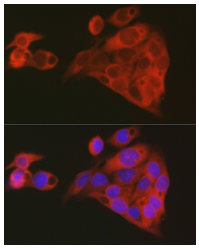
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

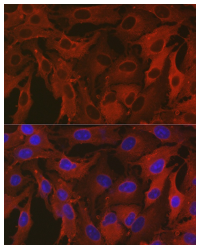
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay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

TARGET INFORMATION

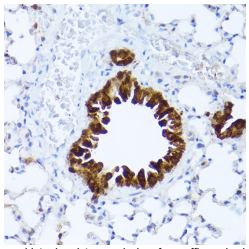
Gene ID	216
Gene Symbol	ALDH1A1
Uniprot ID	AL1A1_HUMAN
Immunogen	
Immunogen Region	329-345
Specificity	A synthetic peptide corresponding to a sequence within amino acids 301-400 of human ALDH1A1 (NP_000680.2).
Immunogen Sequence	QCCIAASRIFVEESIYDEFV RRSVERAKKYILGNPLTPGV TQGPQIDKEQYDKILDLIES GKKEGAKLECGGGPWGNKGY FVQPTVFSNVTDEMRIAKEE IFGPVQQIMKFKSLDDVIKR ANNTFYGLSAGVFTKDIDKA ITISSALQAGTVWVNCYGVV SAQCPFGGFKMSGNGRELGE YGFHEYTEVKTVTVKISQKN S



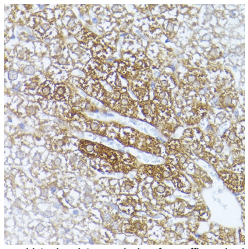
Immunofluorescence analysis of HepG2 cells using ALDH1A1 Rabbit polyclonal antibody (STJ22577) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using ALDH1A1 Rabbit polyclonal antibody (STJ22577) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse lung using ALDH1A1 Rabbit polyclonal antibody (STJ22577) 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.



Immunohistochemistry analysis of paraffin-embedded mouse liver using ALDH1A1 Rabbit polyclonal antibody (STJ22577) 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.

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