

Anti-ALDH5A1 antibody (400-500) (STJ118514)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

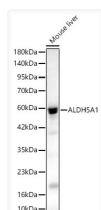
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 57kDa Observed Mw: 57kDa
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	7915
Gene Symbol	ALDH5A1
UniProt ID	SSDH_HUMAN
Immunogen Region	400-500
Immunogen Sequence	VSKGATVVTGGKRHQLGKNF FEPTLLCNVTQDMLCTHEET FGPLAPVIKFDTEEEAIAIA NAADVGLAGYFYSDPAQIW RVAEQLEVGMVGVNEGLISS V
Specificity	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human ALDH5A1 (NP_001071.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of Mouse liver, using ALDH5A1 Rabbit polyclonal antibody (STJ118514) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.