



Recombinant



ALDH1A1 (DGR11956) Rabbit mAb (PBS Only)

db12121-PBS Package : 100μg

Product Name: ALDH1A1 (DGR11956) Rabbit mAb (PBS Only)

Cat.No.: db12121-PBS

Synonyms: ALDC; ALDH1; HEL-9; HEL12; PUMB1; ALDH11; RALDH1; ALDH-E1; HEL-S-53e

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity: Human, Mouse Host species: Rabbit

Background The protein encoded by this gene belongs to the aldehyde dehydrogenase family. Aldehyde

dehydrogenase is the next enzyme after alcohol dehydrogenase in the major pathway of alcohol metabolism. There are two major aldehyde dehydrogenase isozymes in the liver, cytosolic and

mitochondrial, which are encoded by distinct genes, and can be distinguished by their

electrophoretic mobility, kinetic properties, and subcellular localization. This gene encodes the cytosolic isozyme. Studies in mice show that through its role in retinol metabolism, this gene may also be involved in the regulation of the metabolic responses to high-fat diet. [provided by RefSeq,

Mar 2011]

Immunogen A synthetic peptide of human ALDH1A1

Gene ID 216

Swiss Prot P00352

Synonyms ALDC; ALDH1; HEL-9; HEL12; PUMB1; ALDH11; RALDH1; ALDH-E1; HEL-S-53e

Reactivity Human, Mouse

Application WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

IHC-P: 1:50

ICC/IF: 1:100-1:200

FC: 1:20-1:50 IP: 1:20-1:50

Calculated MW 55 kDa

Observed MW 55 kDa

Host species Rabbit





Clonality Monoclonal

Clonality No. DGR11956

Isotype IgG

Purity Affinity Purification

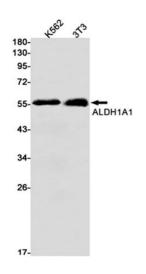
Conjugation Un-conjugated

Concentration 1 mg/ml

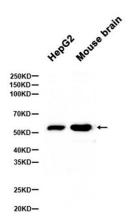
Formulation PBS Only

Storage Stability Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA

and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of ALDH1A1 in K562,3T3 cell lysates using db12121(1:1000 diluted).



Western blot analysis of extracts from HepG2 cells and Mouse brain tissue using db12121