

ALDH1L1 Rabbit pAb

Catalog # AP53540

Product Information

Primary Accession	O75891
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	98829

Additional Information

Gene ID	10840
Other Names	FDH; FTHFD; 10-fTHF; 10-FTHFDH
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

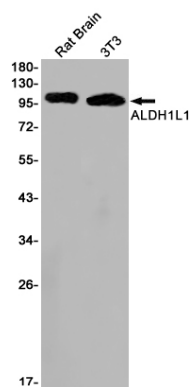
Name	ALDH1L1 (HGNC:3978)
Synonyms	FTHFD
Function	Cytosolic 10-formyltetrahydrofolate dehydrogenase that catalyzes the NADP(+)-dependent conversion of 10-formyltetrahydrofolate to tetrahydrofolate and carbon dioxide (PubMed: 19933275 , PubMed: 21238436). May also have an NADP(+)-dependent aldehyde dehydrogenase activity towards formaldehyde, acetaldehyde, propionaldehyde, and benzaldehyde (By similarity).
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Highly expressed in liver, pancreas and kidney.

Background

Swiss-Prot Acc.O75891.CautionThe phosphoserine observed at Ser-354 in PubMed:24275569 may result from secondary neutral loss of pantetheine from the phosphodiester linked cofactor.

Images

Western blot detection of ALDH1L1 in Rat Brain,3T3 cell lysates using ALDH1L1 Rabbit pAb(1:1000



diluted). Predicted band size: 99kDa. Observed band size: 99kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.