

ALDH2 Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52793

Product Information

Application	WB
Primary Accession	P05091
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	56381

Additional Information

Gene ID	217
Other Names	Acetaldehyde dehydrogenase 2;Aldehyde dehydrogenase 2 family (mitochondrial);Aldehyde dehydrogenase 2 family;Aldehyde dehydrogenase mitochondrial;Aldehyde dehydrogenase, mitochondrial;ALDH 2;ALDH class 2;ALDH E2;ALDH-E2;Aldh2;ALDH2_HUMAN;ALDHI;ALDM;Liver mitochondrial ALDH;MGC1806;Mitochondrial aldehyde dehydrogenase 2;MS767;Nucleus encoded mitochondrial aldehyde dehydrogenase 2.
Dilution	WB~~1:1000
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

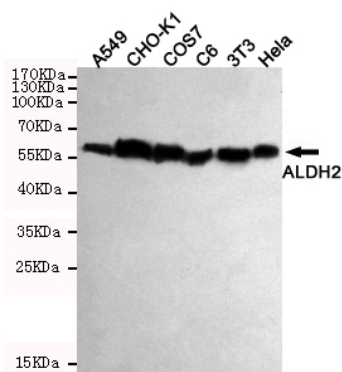
Protein Information

Name	ALDH2
Synonyms	ALDM
Function	Required for clearance of cellular formaldehyde, a cytotoxic and carcinogenic metabolite that induces DNA damage.
Cellular Location	Mitochondrion matrix.

References

Braun T.,et al.FEBS Lett. 215:233-236(1987).
Braun T.,et al.FEBS Lett. 233:440-440(1988).
Braun T.,et al.Nucleic Acids Res. 15:3179-3179(1987).
Hsu L.C.,et al.Genomics 2:57-65(1988).
Lassen N.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.

Images



Western blot detection of ALDH2 in HeLa,3T3,C6,COS7,CHO-K1 and A549 cell lysates using ALDH2 mouse mAb (1:1000 diluted).Predicted band size:56KDa.Observed band size:56KDa.

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