

ALDH2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50970

Product Information

Application	WB
Primary Accession	P05091
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56381

Additional Information

Gene ID	217
Other Names	Aldehyde dehydrogenase, mitochondrial, ALDH class 2, ALDH-E2, ALDHI, ALDH2, ALDM
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ALDH2. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

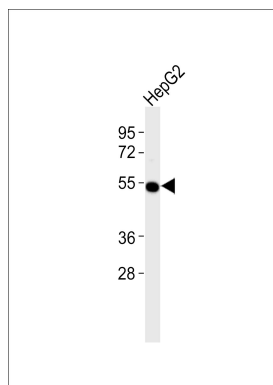
References

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Hsu L.C.,et al.Genomics 2:57-65(1988).

Lassen N.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.

Images



Anti-ALDH2 Antibody at 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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