

ALDH2 Rabbit mAb

Catalog # AP75049

Product Information

Application	WB, IHC-P, IP
Primary Accession	P05091
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	56381

Additional Information

Gene ID	217
Other Names	ALDH2
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

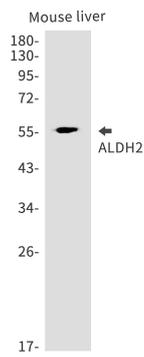
Name	ALDH2
Synonyms	ALDM
Function	Required for clearance of cellular formaldehyde, a cytotoxic and carcinogenic metabolite that induces DNA damage.
Cellular Location	Mitochondrion matrix.

Background

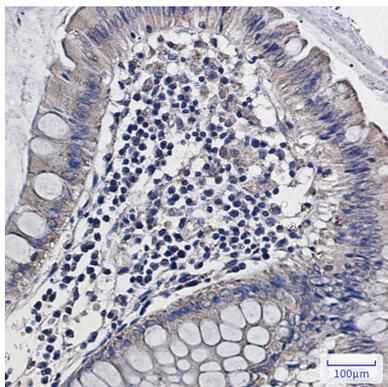
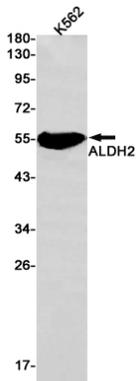
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Images

Western blot analysis of ALDH2 in mouse liver lysates using ALDH2 antibody.



Western blot analysis of ALDH2 in K562 lysates using ALDH2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using ALDH2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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