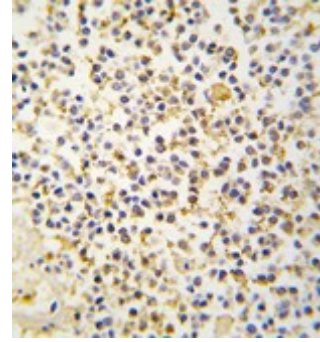


AP14684PU-N**Polyclonal Antibody to ALDH1A3 / ALDH6 (N-term) - Purified**

Alternate names:	Aldehyde dehydrogenase 6, Aldehyde dehydrogenase family 1 member A3, AlDH3, Retinaldehyde dehydrogenase 3
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The enzyme ALDH1A3 uses retinal as a substrate, either in a free or cellular retinol-binding protein form.
Uniprot ID:	P47895
NCBI:	9606
GeneID:	220
Host / Isotype:	Rabbit / Ig
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human ALDH1A3.
Format:	State: Liquid purified Ig Purification: Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to ALDH1A3. Species: Human, Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Rexer, B.N., Cancer Res. 61 (19), 7065-7070 (2001) 2. Yoshida, A., Eur. J. Biochem. 251 (3), 549-557 (1998)

Pictures:

Formalin-fixed and paraffin-embedded human kidney tissue reacted with ALDH1A3 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western blot analysis of anti-ALDH1A3 Antibody (N-term) in mouse kidney tissue lysates (35ug/lane). ALDH1A3 (arrow) was detected using the purified Pab.

