

## ALDH8A1 Antibody (C-term)

Catalog_no :	AB1415
Applications :	WB
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:386-416
Specificity :	This ALDH8A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 386-416 amino acids from the C-terminal region of human ALDH8A1.
Dilution :	WB,1:2000;
Purification :	Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Aldehyde dehydrogenase family 8 member A1, 121-, Aldehyde dehydrogenase 12, ALDH8A1, ALDH12
Isotype :	Rabbit Ig
Background :	ALDH8A1 belongs to the aldehyde dehydrogenases family of proteins. It plays a role in a pathway of 9-cis-retinoic acid biosynthesis in vivo. This enzyme converts 9-cis-retinal into the retinoid X receptor ligand 9-cis-retinoic acid, and has approximately 40-fold higher activity with 9-cis-retinal than with all-trans-retinal. Therefore, it is the first known aldehyde dehydrogenase to show a preference for 9-cis-retinal relative to all-trans-retinal.
reference :	Lin,M.,J. Biol. Chem. 275 (51), 40106-40112 (2000)