



Rabbit Anti-Human ALDH3A1 monoclonal antibody, clone TQ309 (CABT-L1698)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ALDH3A1
Immunogen	Synthetic peptide near the C-terminus of human ALDH3A1 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ309
Purification	Protein A/G purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Molecular Weight	50 kDa
Cellular Localization	Cytoplasm
Positive Control	Stomach, stomach adenocarcinoma, and lung squamous cell carcinoma
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction Aldehyde dehydrogenase 3 (ALDH3A1) is a cancer stem cell marker and it play a major role in the detoxification of alcohol-derived acetaldehyde. It is highly expressed in some cancers from lung, stomach, esophagus, liver, and breast.

Keywords ALDH3A1;aldehyde dehydrogenase 3 family, member A1;ALDH3;ALDHIII;aldehyde dehydrogenase, dimeric NADP-preferring;stomach aldehyde dehydrogenase;aldehyde dehydrogenase type III;aldehyde dehydrogenase isozyme 3

GENE INFORMATION

Entrez Gene ID [218](#)

UniProt ID [P30838](#)
