

# ADH1C Polyclonal Antibody

Catalog No: #31433



Package Size: #31433-1 50ul #31433-2 100ul

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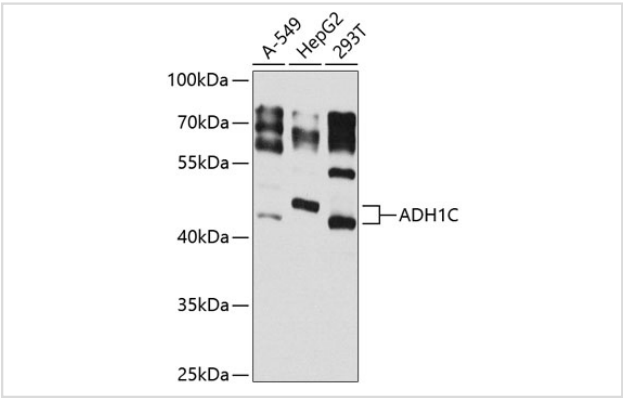
## Description

Product Name	ADH1C Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human ADH1C (NP_000660.1).
Other Names	ADH1C; ADH3; alcohol dehydrogenase 1C
Accession No.	Swiss-Prot#:P00326NCBI Gene ID:126
Uniprot	P00326
GeneID	126;
Calculated MW	45kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

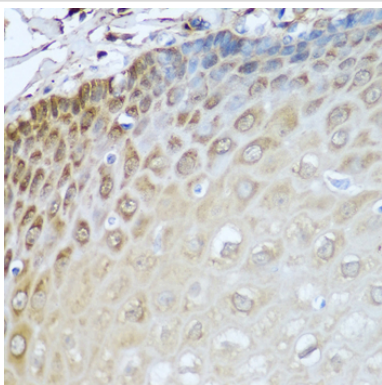
## Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

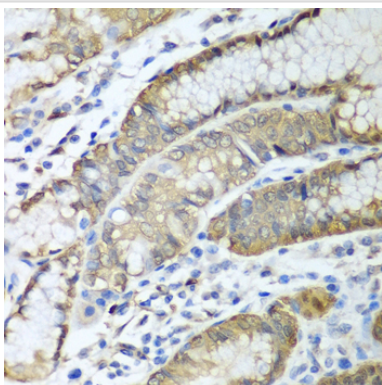
## Images



Western blot analysis of extracts of various cell lines, using ADH1C at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded human esophagus using ADH1C at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using ADH1C at dilution of 1:100 (40x lens).

## Background

This gene encodes class I alcohol dehydrogenase, gamma subunit, which is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. Class I alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster.

Note: This product is for in vitro research use only