

# ADH7 Rabbit Polyclonal Antibody

Catalog No: #55354



Package Size: #55354-1 50ul #55354-2 100ul

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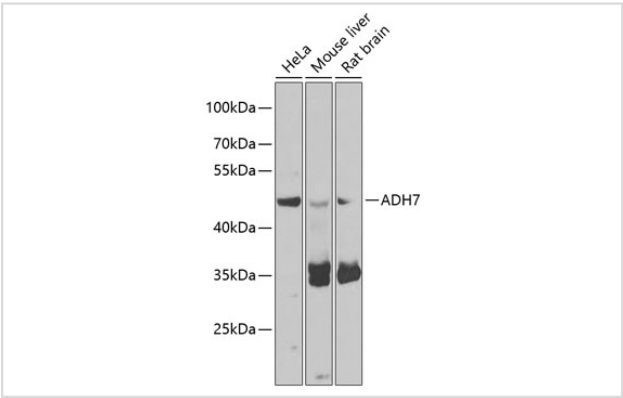
## Description

Product Name	ADH7 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human ADH7 (NP_000664.2).
Other Names	ADH7;ADH4
Accession No.	Swiss Prot:P40394GenelD:131
Uniprot	P40394
Calculated MW	41kDa/42kDa
SDS-PAGE MW	50kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

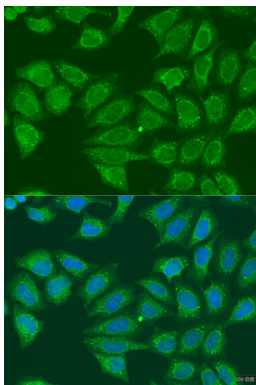
## Application Details

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

## Images



Western blot analysis of extracts of various cell lines, using ADH7 at 1:1000 dilution.



Immunofluorescence analysis of U2OS cells using ADH7 at dilution of 1:100. Blue: DAPI for nuclear staining.

## Background

This gene encodes class IV alcohol dehydrogenase 7 mu or sigma subunit, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. The enzyme encoded by this gene is inefficient in ethanol oxidation, but is the most active as a retinol dehydrogenase; thus it may participate in the synthesis of retinoic acid, a hormone important for cellular differentiation. The expression of this gene is much more abundant in stomach than liver, thus differing from the other known gene family members. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only