

ALDH1A2 antibody

Catalog No: #22039

Package Size: #22039 100ul

Description

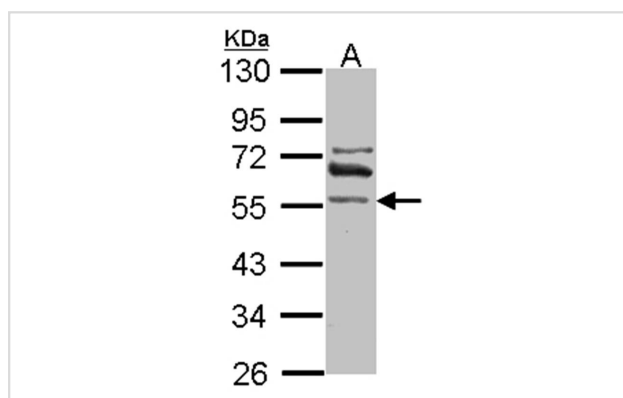
Product Name	ALDH1A2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 240 and 457 of ALDH1A2
Conjugates	Unconjugated
Target Name	ALDH1A2
Accession No.	Swiss-Prot:O94788Gene ID:8854
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 53kd

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)
A: IMR32
10% SDS PAGE
Primary antibody diluted at 1: 1000

Background

This protein belongs to the aldehyde dehydrogenase family of proteins. The product of this gene is an enzyme that catalyzes the synthesis of retinoic acid (RA) from retinaldehyde. Retinoic acid, the active derivative of vitamin A (retinol), is a hormonal signaling molecule that functions in developing

and adult tissues. The studies of a similar mouse gene suggest that this enzyme and the cytochrome CYP26A1, concurrently establish local embryonic retinoic acid levels which facilitate posterior organ development and prevent spina bifida. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.