

## anti- ALDH1A2 antibody

### Product Information

Catalog No.:	FNab00285
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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. Four transcript variants encoding distinct isoforms have been identified for this gene.

### Immunogen information

Immunogen:	aldehyde dehydrogenase 1 family, member A2
Synonyms:	ALDH1A2, RALDH 2, RALDH(II), RALDH2, RALDH2 T, Retinal dehydrogenase 2
Observed MW:	57 kDa
Uniprot ID :	O94788

### Application

#### Wuhan Fine Biotech Co., Ltd.

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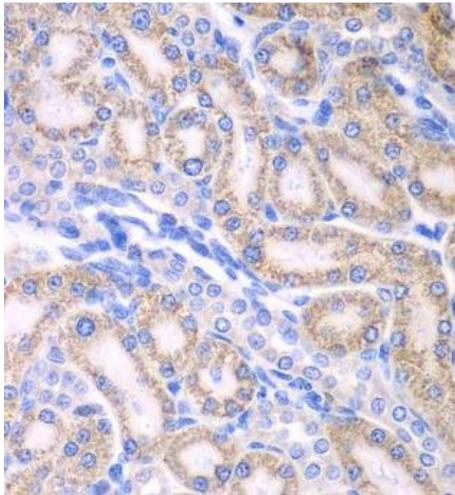
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

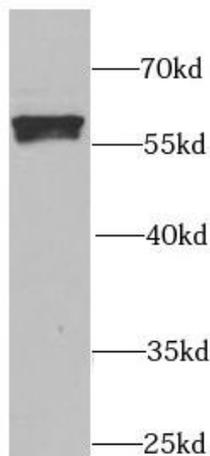
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat kidney using FNab00285(ALDH1A2 antibody) at dilution of 1:100



mouse testis tissue were subjected to SDS PAGE followed by western blot with FNab00285(ALDH1A2 antibody) at dilution of 1:1000

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