

# Product Datasheet

## ALDH1A2 Antibody (JE41-38) NBP3-32020

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32020**

ALDH1A2 Antibody (JE41-38)


Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE41-38
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	57 kDa

Product Description	
Description	Novus Biologicals Rabbit ALDH1A2 Antibody (JE41-38) (NBP3-32020) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8854
Gene Symbol	ALDH1A2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human ALDH1A2 aa 1-50 / 518. (Uniprot: O94788)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



## Images

Western Blot: ALDH1A2 Antibody (JE41-38) [NBP3-32020] - Western blot analysis of ALDH1A2 on different lysates with Rabbit anti-ALDH1A2 antibody (NBP3-32020) at 1/1,000 dilution. 

Lane 1: K-562 cell lysate (20 ug/Lane)

Lane 2: Mouse testis tissue lysate (40 ug/Lane)

Predicted band size: 57 kDa

Observed band size: 53 kDa

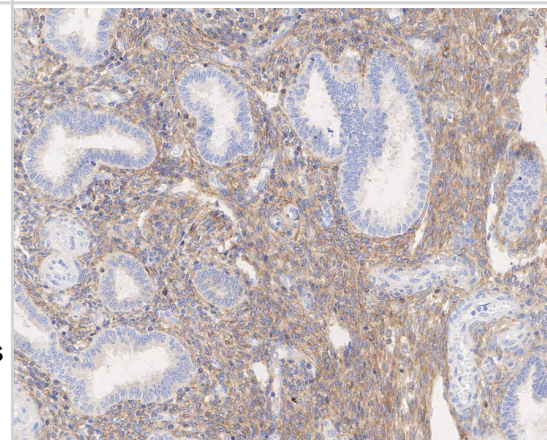
Exposure time: 3 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32020) at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: ALDH1A2 Antibody (JE41-38) [NBP3-32020] - Immunohistochemical analysis of paraffin-embedded human endometrium tissue with Rabbit anti-ALDH1A2 antibody (NBP3-32020) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32020) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-32020**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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