

# Product Datasheet

## Aldo-keto Reductase 1B10/AKR1B10 Antibody - BSA Free NBP1-89161

Unit Size: 0.1 ml

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

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**NBP1-89161**

Aldo-keto Reductase 1B10/AKR1B10 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

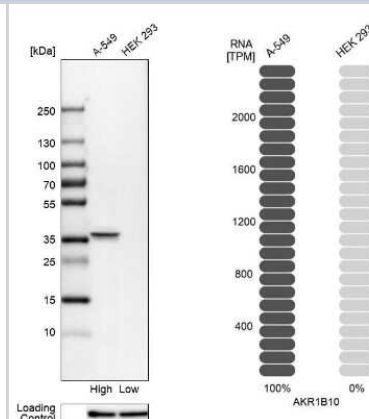
Product Description	
Host	Rabbit
Gene ID	57016
Gene Symbol	AKR1B10
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PTFFERPLVRKAFEKTLKDLKLSYLDVYLIHWPQGFKSGDDLFPKDDKGNAIGG KAT

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

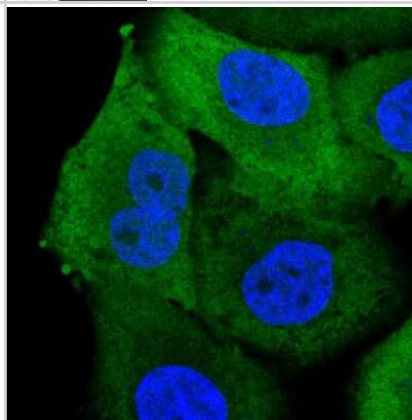


## Images

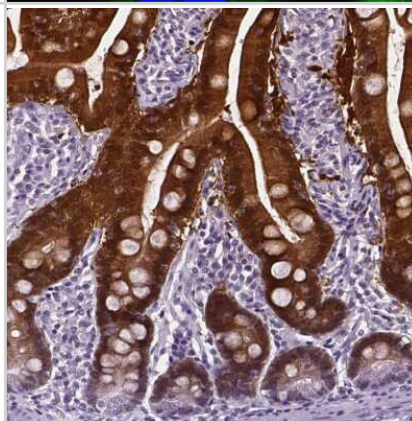
Western Blot: Aldo-keto Reductase 1B10/AKR1B10 Antibody [NBP1-89161] - Analysis in human cell lines A-549 and HEK293 using anti-AKR1B10 antibody. Corresponding AKR1B10 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



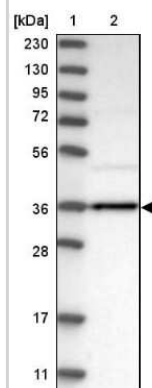
Immunocytochemistry/Immunofluorescence: Aldo-keto Reductase 1B10/AKR1B10 Antibody [NBP1-89161] - Staining of human cell line A549 shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Aldo-keto Reductase 1B10/AKR1B10 Antibody [NBP1-89161] - Staining of human small intestine shows strong cytoplasmic, nuclear and membranous positivity in glandular cells.



Western Blot: Aldo-keto Reductase 1B10/AKR1B10 Antibody [NBP1-89161] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-28





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### **Products Related to NBP1-89161**

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NBP1-89161PEP	Aldo-keto Reductase 1B10/AKR1B10 Recombinant Protein Antigen
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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