

Product Datasheet

AKR1B1 Antibody - BSA Free

NBP2-56910

Unit Size: 100 ul

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

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Updated 2/23/2025 v.20.1

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NBP2-56910

AKR1B1 Antibody - BSA Free

Product Information

Unit Size	100 ul
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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

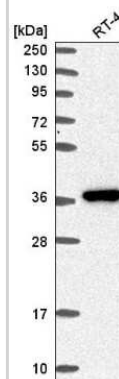
Host	Rabbit
Gene ID	231
Gene Symbol	AKR1B1
Species	Human
Reactivity Notes	Mouse 83%, Rat 85%
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: VTPERIAENFKVDFELSSQDMTTLLSYNRNWRVCALLSCTSHKDY

Product Application Details

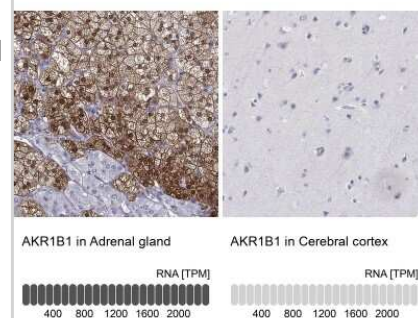
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

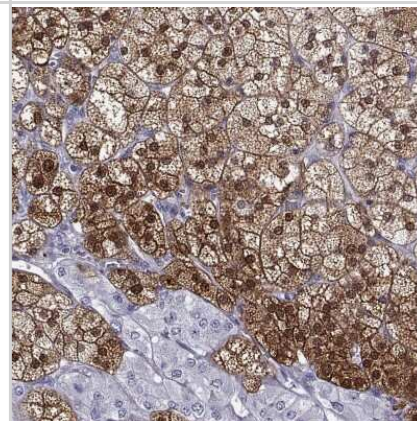
Western Blot: AKR1B1 Antibody [NBP2-56910] - Western blot analysis in human cell line RT-4.



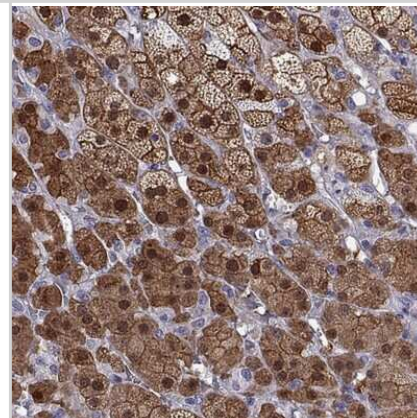
Immunohistochemistry-Paraffin: AKR1B1 Antibody [NBP2-56910] - Staining in human adrenal gland and cerebral cortex tissues using anti-AKR1B1 antibody. Corresponding AKR1B1 RNA-seq data are presented for the same tissues.



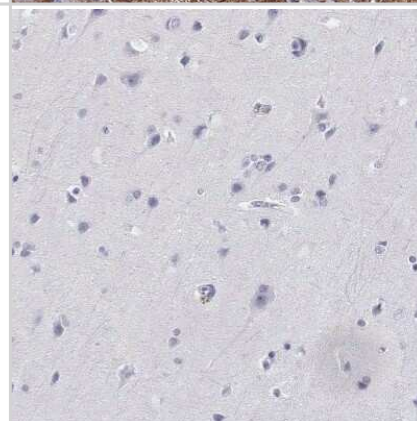
Immunohistochemistry-Paraffin: AKR1B1 Antibody [NBP2-56910] - Staining of human adrenal gland shows high expression.



Immunohistochemistry-Paraffin: AKR1B1 Antibody [NBP2-56910] - Staining of human adrenal gland shows strong nuclear and cytoplasmic positivity in cortical cells.



Immunohistochemistry-Paraffin: AKR1B1 Antibody [NBP2-56910] - Staining of human cerebral cortex shows low expression as expected.





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Products Related to NBP2-56910

NBP2-56910PEP	AKR1B1 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

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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