

Product Datasheet

AKR1B1 Antibody - BSA Free NBP1-53144

Unit Size: 100 ul

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

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Publications: 1

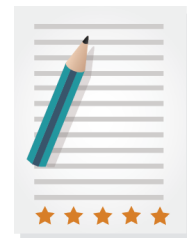
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NBP1-53144

AKR1B1 Antibody - BSA Free

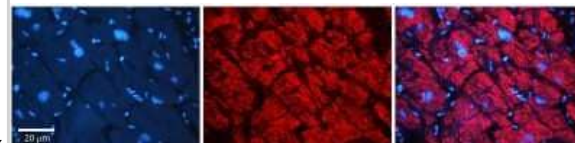
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	36 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	231
Gene Symbol	AKR1B1
Species	Human, Mouse
Immunogen	Synthetic peptides corresponding to AKR1B1(aldo-keto reductase family 1, member B1 (aldose reductase)) The peptide sequence was selected from the N terminal of AKR1B1. Peptide sequence ASRLLLNNGAKMPILGLGTWKSPPGQVTEAVKVAIDVGYRHIDCAHVYQN. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin

Images

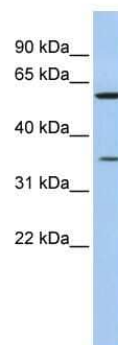
Western Blot: AKR1B1 Antibody [NBP1-53144] - Recommended Titration: 0.2 - 1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate



Immunohistochemistry: AKR1B1 Antibody [NBP1-53144] - Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Western Blot: AKR1B1 Antibody [NBP1-53144] - MCF-7 whole cell lysates, concentration 0.2-1 ug/ml.



Publications

Steuber, H. J. Mol. Biol. 379 (5), 991-1016. 2008-01-01 [PMID: 18495158]



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Products Related to NBP1-53144

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51989-0.1mg	Recombinant Mouse AKR1B1 His Protein

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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