

# Product Datasheet

## AKR1C2 Antibody - BSA Free NBP3-35145-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-35145-100ul**

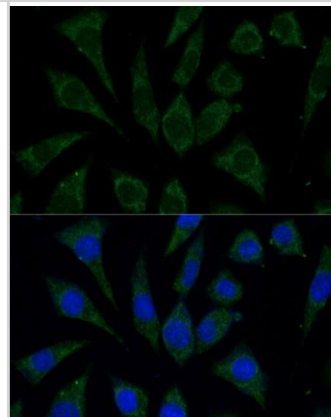
AKR1C2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	37 kDa
Product Description	
Host	Rabbit
Gene ID	1646
Gene Symbol	AKR1C2
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-323 of human AKR1C2 (NP_995317.1).  Sequence: MDSKYQCVKLNDGHFMPVLGFGTYAPAEVPSKALEAVKLAIEAGFHHIDSAH VYNNEEQVGLAIRSKIADGSVKREDIFYTSKLWSNSHRPELVRPALERSLKNLQ LDYVDLYLIHFPVSVKPGEEVIPKDENGKILFDTVDLCATWEAMEKCKDAGLAK SIGVSNFNHRLLEMILNKPGLKYKPVCNQVECHPYFNQRKLLDFCKSKDIVLVA YSALGSHREEPWVDPNSPVLLEDVLCALAKKHKRTPALIALRYQLQRGVVVL AKSYNEQRIRQNVQVFEFQLTSEEMKAIDGLNRNVRYLTLDFAGPPNYPFSDE Y
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:100, Immunohistochemistry-Paraffin 1:50 - 1:200



## Images

Immunocytochemistry/ Immunofluorescence: AKR1C2 Antibody [NBP3-35145] - Immunofluorescence analysis of L929 cells using AKR1C2 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



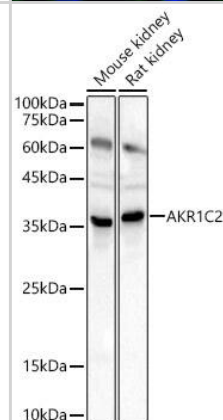
Western Blot: AKR1C2 Antibody [NBP3-35145] - Western blot analysis of various lysates, using AKR1C2 Rabbit pAb at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

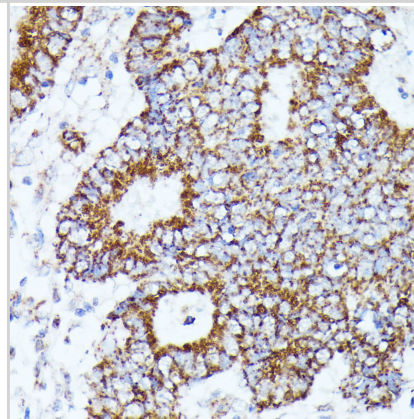
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

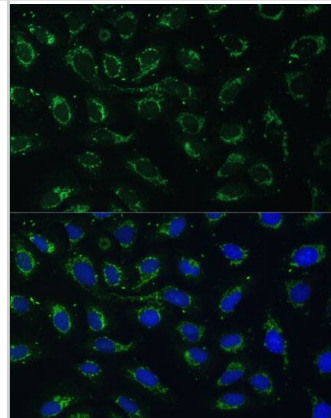
Exposure time: 10s.



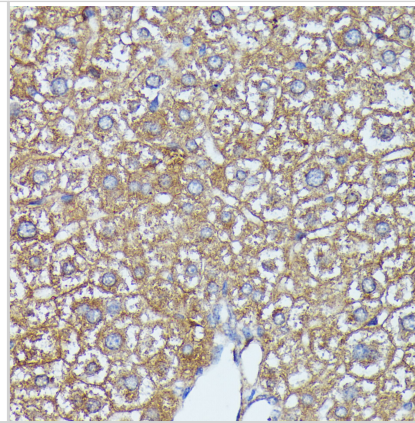
Immunohistochemistry: AKR1C2 Antibody [NBP3-35145] - Immunohistochemistry analysis of paraffin-embedded Human Colon cancer using AKR1C2 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



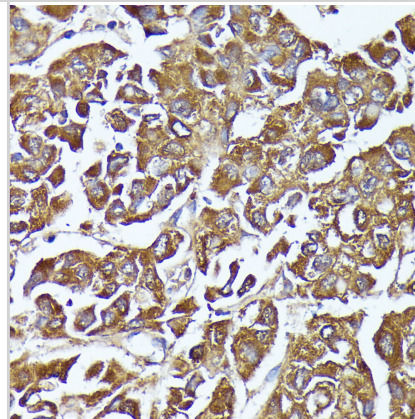
Immunocytochemistry/ Immunofluorescence: AKR1C2 Antibody [NBP3-35145] - Immunofluorescence analysis of U-2 OS cells using AKR1C2 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



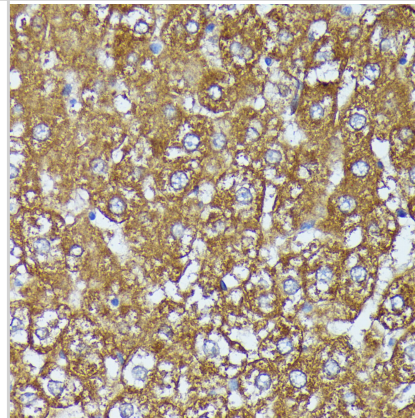
Immunohistochemistry: AKR1C2 Antibody [NBP3-35145] -  
Immunohistochemistry analysis of paraffin-embedded Mouse liver using  
AKR1C2 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen  
retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry: AKR1C2 Antibody [NBP3-35145] -  
Immunohistochemistry analysis of paraffin-embedded Human liver  
cancer using AKR1C2 Rabbit pAb at dilution of 1:100 (40x lens).  
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2)  
prior to IHC staining.



Immunohistochemistry: AKR1C2 Antibody [NBP3-35145] -  
Immunohistochemistry analysis of paraffin-embedded Rat liver using  
AKR1C2 Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen  
retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.





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### **Products Related to NBP3-35145-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001646-Q01-10ug	Recombinant Human AKR1C2 GST (N-Term) Protein

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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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