

# Product Datasheet

## COX6A2 Antibody - BSA Free

### NBP1-31112

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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**NBP1-31112**

COX6A2 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris-Glycine (pH7), 10% Glycerol
<b>Target Molecular Weight</b>	11 kDa

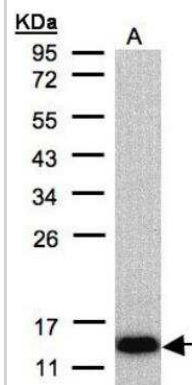
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	1339
<b>Gene Symbol</b>	COX6A2
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	Using the exact immunogen sequence, there is 91% sequence identity with human COX6A1. This suggests cross-reactivity with this target is more than likely, although this has not been experimentally tested.
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human COX6A2. The exact sequence is proprietary.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

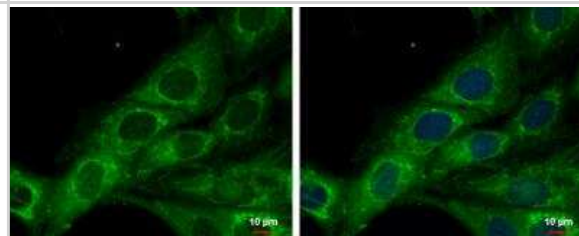


## Images

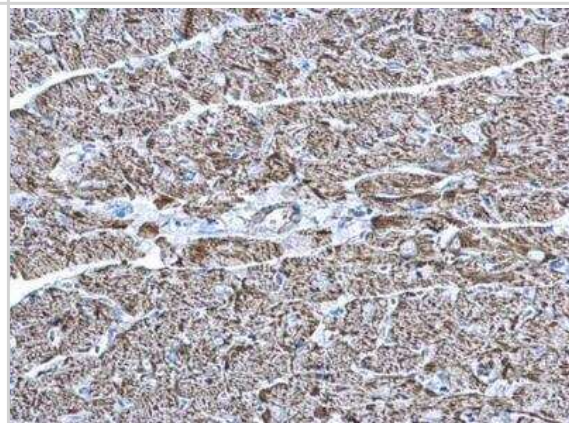
Western Blot: COX6A2 Antibody [NBP1-31112] - Sample(30 ug of whole cell lysate) A:Raji 12% SDS PAGE diluted at 1:500



Immunocytochemistry/Immunofluorescence: COX6A2 Antibody [NBP1-31112] - SK-N-SH cells were fixed in 2% paraformaldehyde/culture medium at 37-c for 30 min.Green: COX6A2 protein stained by COX6A2 antibody [N3C3] diluted at 1:500. Blue: Hoechst 33342 staining.



Immunohistochemistry-Paraffin: COX6A2 Antibody [NBP1-31112] - Mouse heart. COX6A2 antibody [N3C3] diluted at 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



## Publications

Barsky M, Merkison J, Hosseinzadeh P, et al. Fetal programming of polycystic ovary syndrome: Effects of androgen exposure on prenatal ovarian development *The Journal of steroid biochemistry and molecular biology* 2021-01-27 [PMID: 33515680] (WB, Mouse)



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### **Products Related to NBP1-31112**

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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
M6000B-1	IL-6 [HRP]

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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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