

Product Datasheet

PYCR1 Antibody - BSA Free

NBP2-20016

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-20016

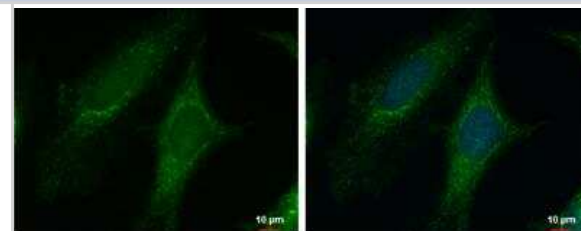
PYCR1 Antibody - BSA Free

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	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris-Glycine (pH7), 20% Glycerol
Target Molecular Weight	33 kDa
Product Description	
Host	Rabbit
Gene ID	5831
Gene Symbol	PYCR1
Species	Human
Reactivity Notes	Zebrafish (86%), Xenopus laevis (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human PYCR1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

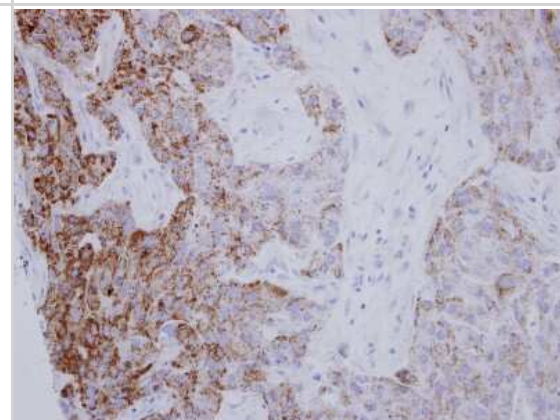


Images

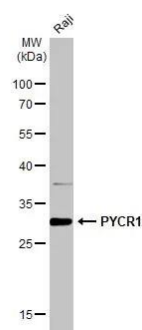
Immunocytochemistry/Immunofluorescence: PYCR1 Antibody [NBP2-20016] - HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37- for 30 min. Green: PYCR1 protein stained by PYCR1 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



Immunohistochemistry-Paraffin: PYCR1 Antibody [NBP2-20016] - Human breast cancer, using PYCR1 antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: PYCR1 Antibody [NBP2-20016] - Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with PYCR1 antibody (NBP2-20016) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Publications

Alaqbi SS, Burke L, Guterman I et al. Increased mitochondrial proline metabolism sustains proliferation and survival of colorectal cancer cells PloS one 2022-02-07 [PMID: 35130302] (IF/IHC, Human)



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Products Related to NBP2-20016

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-50895-0.05mg	Recombinant Human PYCR1 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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