

Product Datasheet

PPOX Antibody (2F10) H00005498-M01

Unit Size: 0.1 mg

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

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H00005498-M01

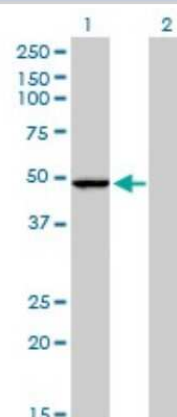
PPOX Antibody (2F10)

Product Information	
Unit Size	0.1 mg
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	Monoclonal
Clone	2F10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5498
Gene Symbol	PPOX
Species	Human, Mouse
Specificity/Sensitivity	PPOX - protoporphyrinogen oxidase
Immunogen	PPOX (AAH02357, 378 a.a. ~ 477 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EASGCVLSQELFQQRAQEAAATQLGLKEMPSHCLVHLHKNCIPQYTLGHWQK LESARQFLTAHRLPLTLGASYEGVAVND CIESGRQAAVSVLGTEPNS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P, RNAi Validation and ELISA.

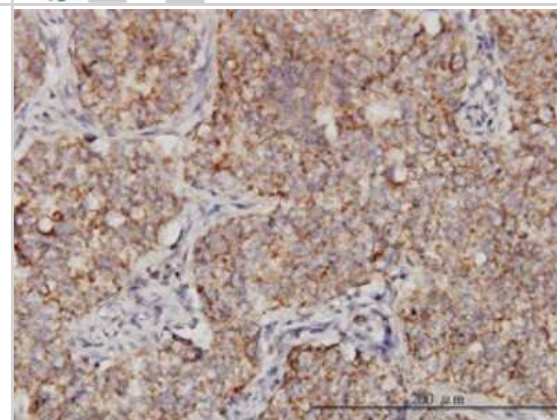


Images

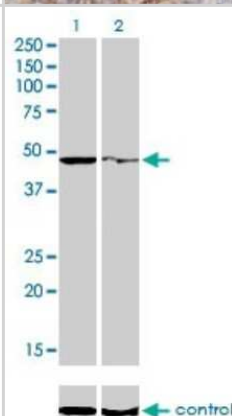
Western Blot: PPOX Antibody (2F10) [H00005498-M01] - Analysis of PPOX expression in transfected 293T cell line by PPOX monoclonal antibody (M01), clone 2F10. Lane 1: PPOX transfected lysate(50.8 KDa). Lane 2: Non-transfected lysate.



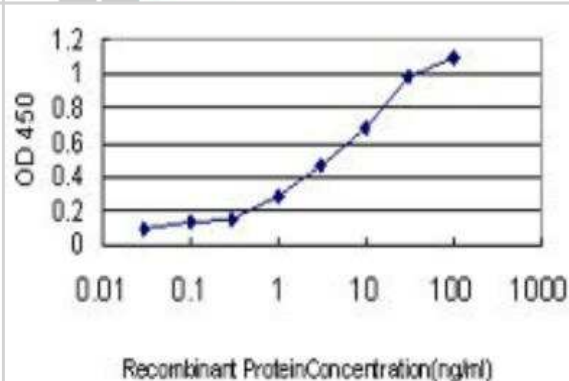
Immunohistochemistry-Paraffin: PPOX Antibody (2F10) [H00005498-M01] - Analysis of monoclonal antibody to PPOX on formalin-fixed paraffin-embedded human lung, adenosquamous cell carcinoma. Antibody concentration 3 ug/ml.



Western Blot: PPOX Antibody (2F10) [H00005498-M01] - Analysis of PPOX over-expressed 293 cell line, cotransfected with PPOX Validated Chimera RNAi (Cat # H00005498-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PPOX monoclonal antibody (M01), clone 2F10 (Cat # H00005498-M01). GAPDH (36.1 kDa) used as specificity and loading control.



ELISA: PPOX Antibody (2F10) [H00005498-M01] - Detection limit for recombinant GST tagged PPOX is approximately 0.1ng/ml as a capture antibody.



Publications

Yang DF, Lee JW, Chen HM et al. Methotrexate enhances 5-aminolevulinic acid-mediated photodynamic therapy-induced killing of human SCC4 cells by upregulation of coproporphyrinogen oxidase. J Formos Med Assoc. 2014-01-29 [PMID: 24485831]

Yang DF, Chen JH, Chiang CP et al. Improve efficacy of topical ALA-PDT by calcipotriol through up-regulation of coproporphyrinogen oxidase. Photodiagnosis Photodyn Ther. 2014-05-02 [PMID: 24907534]

Crooks DR, Ghosh MC, Haller RG et al. Posttranslational stability of the heme biosynthetic enzyme ferrochelatase is dependent on iron availability and intact iron-sulfur cluster assembly machinery. Blood 115(4):860-9. 2010-01-28 [PMID: 19965627]





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Products Related to H00005498-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00005498-P01-10ug	Recombinant Human PPOX GST (N-Term) 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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