

Product Datasheet

HPD Antibody (2F3) - Azide and BSA Free H00003242-M07

Unit Size: 0.1 mg

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

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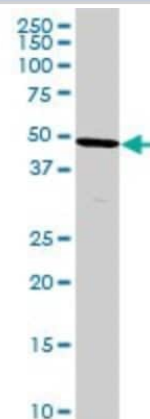
H00003242-M07

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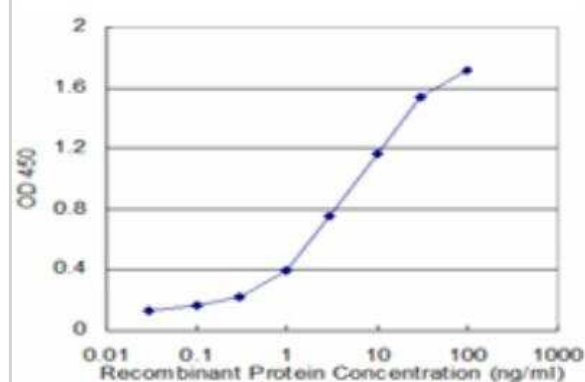
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F3
Preservative	No Preservative
Isotype	IgG2a 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	3242
Gene Symbol	HPD
Species	Human
Specificity/Sensitivity	HPD - 4-hydroxyphenylpyruvate dioxygenase (2F3)
Immunogen	HPD (NP_002141.1, 160 a.a. ~ 269 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. YEAPAFMDPLLPKLPKCSLEMIDHIVGNQPDQEMVSASEWYLKKNLQFHRFWSV DDTQVHTEYSSLR SIVVANYEESIKMPINEPAPGKKKSQIQEYVDYNGGAGVQH IAL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

Images

Western Blot: HPD Antibody (2F3) [H00003242-M07] - Analysis of HPD expression in HeLa (Cat # L013V1).



ELISA: HPD Antibody (2F3) [H00003242-M07] - Detection limit for recombinant GST tagged HPD is approximately 0.1 ng/ml as a capture antibody.



Publications

Nakka S, Godar AS, Wani PS et al. Physiological and Molecular Characterization of Hydroxyphenylpyruvate Dioxygenase (HPPD)-inhibitor Resistance in Palmer Amaranth (*Amaranthus palmeri* S.Wats.). *Front Plant Sci.* 2017-04-26 [PMID: 28443128] (WB)



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Products Related to H00003242-M07

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-49443-0.05mg	Recombinant Human HPD 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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