

# Product Datasheet

## Pipecolic acid oxidase Antibody (3D1) - Azide and BSA Free H00051268-M10

Unit Size: 0.1 mg

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

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**H00051268-M10**

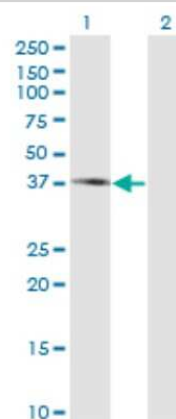
Pipecolic acid oxidase Antibody (3D1) - Azide and BSA Free

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	3D1
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	51268
Gene Symbol	PIPOX
Species	Human
Specificity/Sensitivity	PIPOX - pipecolic acid oxidase (3D1)
Immunogen	PIPOX (AAH27622.1, 292 a.a. ~ 384 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. IGDVQILSSFVRDHLPLDLKPEPAVIESCMYTNTPDEQFILDRHPKYDNIVIGAGFS GHGFKLAPVVGKILYELSMKLTPSYDLAPFRISRFP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

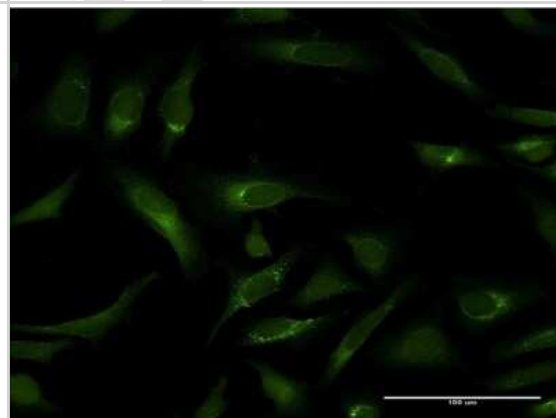


## Images

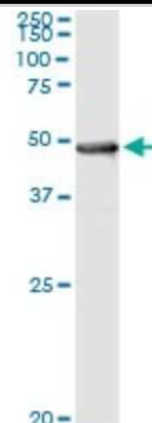
Western Blot: Pipecolic acid oxidase Antibody (3D1) [H00051268-M10] - Analysis of PIPOX expression in transfected 293T cell line by PIPOX monoclonal antibody (M10), clone 3D1. Lane 1: PIPOX transfected lysate (44.1 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: Pipecolic acid oxidase Antibody (3D1) [H00051268-M10] - Analysis of monoclonal antibody to PIPOX on HeLa cell. Antibody concentration 10 ug/ml



Immunoprecipitation: Pipecolic acid oxidase Antibody (3D1) [H00051268-M10] - Analysis of PIPOX transfected lysate using anti-PIPOX monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PIPOX rabbit polyclonal antibody.



## Publications

Khan AP, Rajendiran TM, Ateeq B et al. The role of sarcosine metabolism in prostate cancer progression. Neoplasia. 2013-05-01 [PMID: 23633921]

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**Products Related to H00051268-M10**

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)
7770-GT-020	Fucosyltransferase 2/FUT2

**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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