

# Product Datasheet

## THTPA Antibody (3F6) - Azide and BSA Free H00079178-M01

Unit Size: 0.1 mg

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

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**H00079178-M01**

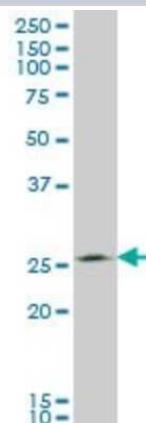
THTPA Antibody (3F6) - Azide and BSA Free

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	3F6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse THTPA Antibody (3F6) - Azide and BSA Free (H00079178-M01) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-THTPA Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	79178
Gene Symbol	THTPA
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	thiamine triphosphatase
Immunogen	THTPA (AAH02984, 1 a.a. ~ 230 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAQGLIEVERKFLPGPGTEERLQELGGTLEYRVTFRDYYDTPELSLMQADHW LRRREDSGWELKCPGAAGVLGPHTYEKELTAEPTIVAQLCKVLRADGLGAGDV AAVLGPLGLQEVASFVTKRSAWKLVLGADDEEPPQLRVDLDTADFGYAVGEVE ALVHEEAIEVPTALEKIHRLSSMLGVPAQETAPAKLIVYLQRFQDYQRLLEVN SSRERPQETEDPDHCLG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.



## Images

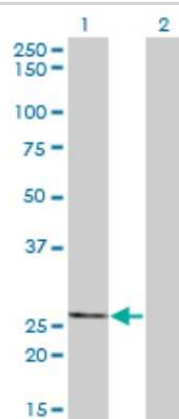
Western Blot: THTPA Antibody (3F6) [H00079178-M01] - THTPA monoclonal antibody (M01), clone 3F6 Analysis of THTPA expression in A-431.



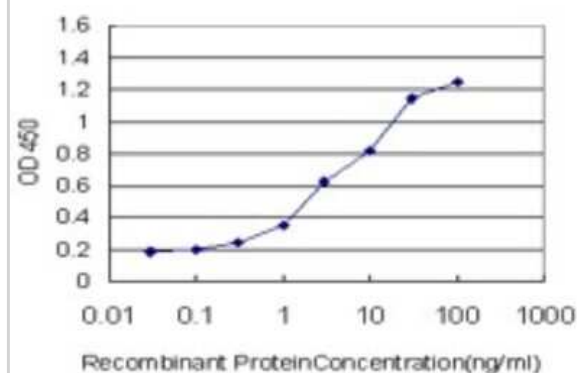
Immunohistochemistry-Paraffin: THTPA Antibody (3F6) [H00079178-M01] - Analysis of monoclonal antibody to THTPA on formalin-fixed paraffin-embedded human small Intestine. Antibody concentration 3 ug/ml.



Western Blot: THTPA Antibody (3F6) [H00079178-M01] - Analysis of THTPA expression in transfected 293T cell line by THTPA monoclonal antibody (M01), clone 3F6. Lane 1: THTPA transfected lysate(25.6 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: THTPA Antibody (3F6) [H00079178-M01] - Detection limit for recombinant GST tagged THTPA is approximately 0.1ng/ml as a capture antibody.



**Publications**

Kovacevic Z, Fu D, Richardson DR. The Iron-Regulated Metastasis Suppressor, Ndrp-1: Identification of Novel Molecular Targets. *Biochim Biophys Acta*;1783(10):1981-92. 2008-10-01 [PMID: 18582504]

Gangolf M, Czerniecki J, Radermecker M et al. Thiamine status in humans and content of phosphorylated thiamine derivatives in biopsies and cultured cells. *PLoS One* 5(10):e13616. 2010-10-25 [PMID: 21049048]





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### **Products Related to H00079178-M01**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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