

# Product Datasheet

## TUFM Antibody H0007284-B01P

Unit Size: 0.05 mg

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

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### Publications: 2

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**H00007284-B01P**

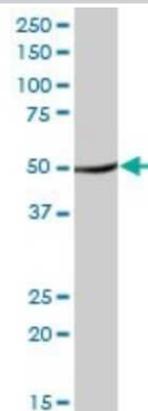
TUFM Antibody

Product Information	
Unit Size	0.05 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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	7284
Gene Symbol	TUFM
Species	Human, Rat
Specificity/Sensitivity	TUFM - Tu translation elongation factor, mitochondrial,
Immunogen	TUFM (NP_003312.3, 1 a.a. - 455 a.a.) full-length human protein. MTTMAAATLLRATPHFSGLAAGRTFLLQGLLRLLKAPALPLLCRGLAVEAKKTY VRDKPHVNVGTIGHVDHGKTTLTAAITKILAEGGGAKFKKYEEIDNAPEERARGI TINAAHVEYSTAARHYAHTDCPGHADYVKNMITGTAPLDGCILVVAANDGPMP QTREHLLLARQIGVEHVVVVYVVKADAVQDSEMVELVELEIRELLTEFGYKGEET PVIVGSALCALEGRDPELGLKSVQKLLDAVDYIPVPARDLEKPFLLPVEAVYSV PGRGTVVTGTLERGIKKGDECELLGHSKNIRTVVGTGIEMFHKSLERAEAGDNL GALVRGLKREDLRRGLVMVKPGSIKPHQKVEAQVYILSKEEGGRHKPFVSHFM PVMFSLTWDMACRIILPPEKELAMPGEDLKFNLILRQPMILEKGQRFTLRDGNR TIGTGLVTNTLAMTEEEKNIKWG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. It is also useful for IF.

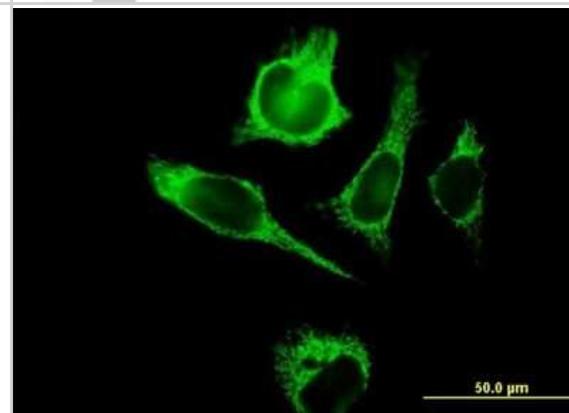


## Images

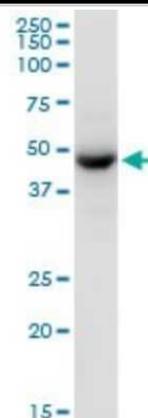
Western Blot: TUFM Antibody [H00007284-B01P] - Analysis of TUFM expression in rat brain.



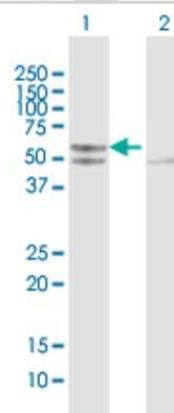
Immunocytochemistry/Immunofluorescence: TUFM Antibody [H00007284-B01P] - Analysis of purified antibody to TUFM on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: TUFM Antibody [H00007284-B01P] - Analysis of TUFM expression in HeLa.



Western Blot: TUFM Antibody [H00007284-B01P] - Analysis of TUFM expression in transfected 293T cell line by TUFM polyclonal antibody. Lane 1: TUFM transfected lysate(50.05 KDa). Lane 2: Non-transfected lysate.



## Publications

He J, Cooper HM, Reyes A et al. Human C4orf14 interacts with the mitochondrial nucleoid and is involved in the biogenesis of the small mitochondrial ribosomal subunit. Nucleic Acids Res. 2012-03-24 [PMID: 22447445]

He J, Cooper HM, Reyes A et al. Mitochondrial nucleoid interacting proteins support mitochondrial protein synthesis. Nucleic Acids Res. 2012-03-26 [PMID: 22453275]



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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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