

Product Datasheet

QARS Antibody (5F5) - Azide and BSA Free H00005859-M01

Unit Size: 0.1 mg

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

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H00005859-M01

QARS Antibody (5F5) - Azide and BSA Free

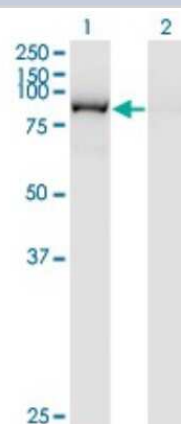
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5F5
Preservative	No Preservative
Isotype	IgG2b 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	5859
Gene Symbol	QARS1
Species	Human
Specificity/Sensitivity	QARS - glutaminyl-tRNA synthetase
Immunogen	QARS (NP_005042, 677 a.a. ~ 775 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. FIHWVSQPLMCEVRLYERLFQHKNPEDPTEVPGGFLSDLNLASLHVVDAAALVD CSVALAKPFDKFQFERLGYSVDPDSHQGKLVFNRTVTCLKEDPGKV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

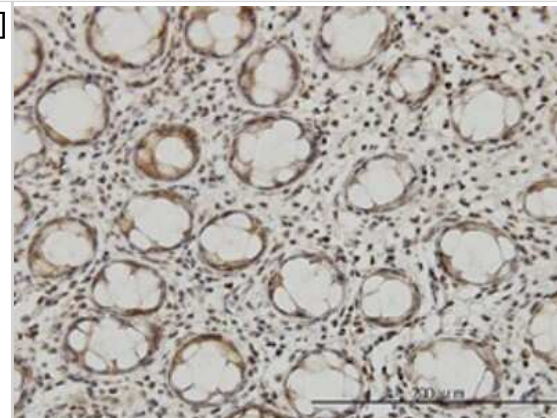
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA.

Images

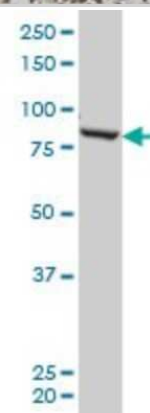
Western Blot: QARS Antibody (5F5) [H00005859-M01] - Analysis of QARS expression in transfected 293T cell line by QARS monoclonal antibody (M01), clone 5F5. Lane 1: QARS transfected lysate (87.8 KDa). Lane 2: Non-transfected lysate.



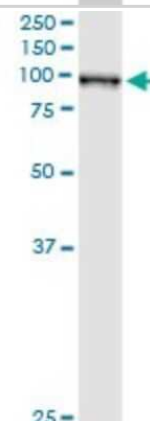
Immunohistochemistry-Paraffin: QARS Antibody (5F5) [H00005859-M01]
 - Analysis of monoclonal antibody to QARS on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml.



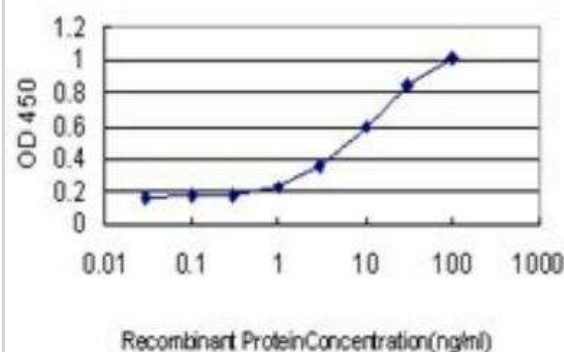
Western Blot: QARS Antibody (5F5) [H00005859-M01] - QARS monoclonal antibody (M01), clone 5F5 Analysis of QARS expression in HeLa.



Immunoprecipitation: QARS Antibody (5F5) [H00005859-M01] - Analysis of QARS transfected lysate using anti-QARS monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with QARS MaxPab rabbit polyclonal antibody.



ELISA: QARS Antibody (5F5) [H00005859-M01] - Detection limit for recombinant GST tagged QARS is approximately 1ng/ml as a capture antibody.



Publications

Smith L, Qutob O, Watson MB et al. Proteomic identification of putative biomarkers of radiotherapy resistance: a possible role for the 26S proteasome? Neoplasia. 2009-11-01 [PMID: 19881955]



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Products Related to H00005859-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00005859-P01-2ug	Recombinant Human QARS 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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