

Datasheet for ABIN562551
anti-QDPR antibody (AA 1-244)



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5 Images

1 Publication

Overview

Quantity:	100 µg
Target:	QDPR
Binding Specificity:	AA 1-244
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This QDPR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant QDPR.
Immunogen:	QDPR (AAH00576, 1 a.a. ~ 244 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAAAAAAGEA RRVLVYGGRG ALGSRVQAF RARNWWVASV DVVENEESA SIIVKMTDSF TEQADQVTAE VGKLLGEEKV DAILCVAGGW AGGNAKSKSL FKNCDLMWKQ SIWTSTISSH LATAKHLKEGG LLTLGAKAA LDGTPGMIGY GMAKGAVHQL CQSLAGKNSG MPPGAAAIAV LPVTLDTPMN RKSMPEADFS SWTPLEFLVE TFHDWITGKN RPSSGSLIQV VTTEGRTELT PAYF
Clone:	M1
Isotype:	IgG1
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: QDPR

Alternative Name: QDPR ([QDPR Products](#))

Background: Full Gene Name: quinoid dihydropteridine reductase
Synonyms: DHPR,FLJ42391,PKU2,SDR33C1

Gene ID: 5860

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

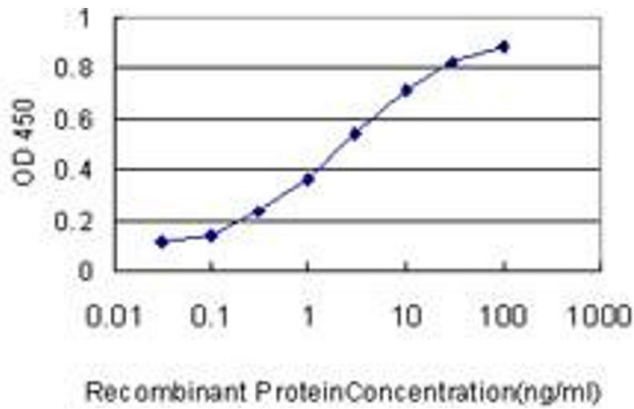
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

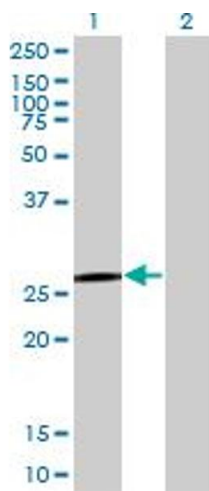
Publications

Product cited in: Ishii, Dutta, Wark, Hwang, Han, Trapp, Pfeiffer, Bansal: "Human myelin proteome and comparative analysis with mouse myelin." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 106, Issue 34, pp. 14605-10, (2009) ([PubMed](#)).



ELISA

Image 1. Detection limit for recombinant GST tagged QDPR is approximately 0.1 ng/ml as a capture antibody.

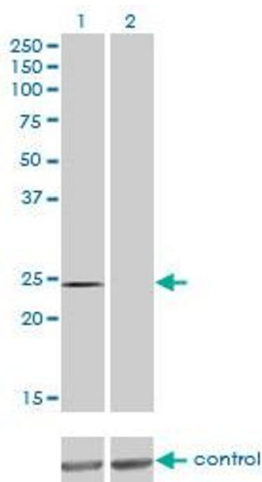


Western Blotting

Image 2. Western Blot analysis of QDPR expression in transfected 293T cell line by QDPR monoclonal antibody (M02), clone M1.

Lane 1: QDPR transfected lysate(25.8 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western blot analysis of QDPR over-expressed 293 cell line, cotransfected with QDPR Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with QDPR monoclonal antibody (M02), clone M1. GAPDH (36.1 kDa) used as specificity and loading control.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN562551.