

Datasheet for ABIN521446
anti-14-3-3 zeta antibody (AA 51-150)



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5 Images

Overview

Quantity:	100 µg
Target:	14-3-3 zeta (YWHAZ)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 14-3-3 zeta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant YWHAZ.
Immunogen:	YWHAZ (NP_003397.1, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	VVGARRSSWR VVSSIEQKTE GAEKKQQMAR EYREKIETEL RDICNDVLSL LEKFLIPNAS QAESKVFYLK MKGDYYRYLA EVAAGDDKKG IVDQSQQAYQ
Clone:	1B3
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

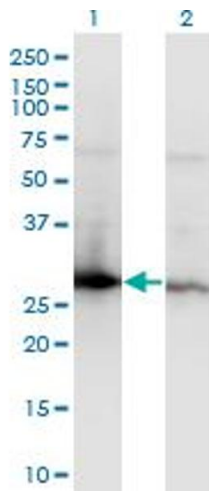
Target:	14-3-3 zeta (YWHAZ)
Alternative Name:	YWHAZ (YWHAZ Products)
Background:	Full Gene Name: tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide Synonyms: KCIP-1,MGC111427,MGC126532,MGC138156
Gene ID:	7534
NCBI Accession:	NM_003406
Pathways:	Apoptosis , Hormone Transport , Myometrial Relaxation and Contraction , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Synaptic Membrane , Production of Molecular Mediator of Immune Response , Maintenance of Protein Location

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.

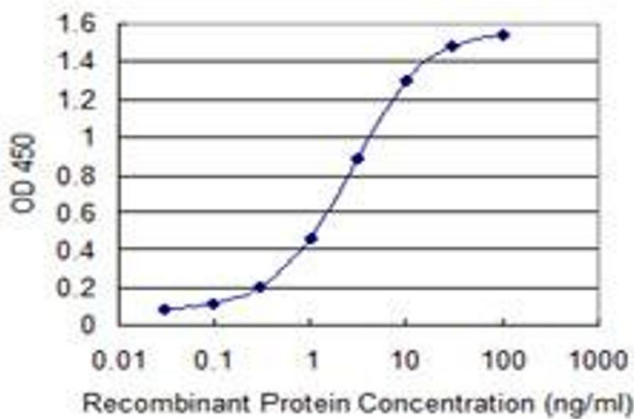


Western Blotting

Image 1. Western Blot analysis of YWHAZ expression in transfected 293T cell line by YWHAZ monoclonal antibody (M04), clone 1B3.

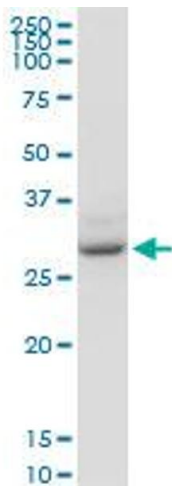
Lane 1: YWHAZ transfected lysate(27.7 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged YWHAZ is 0.03 ng/ml as a capture antibody.



Western Blotting

Image 3. YWHAZ monoclonal antibody (M04), clone 1B3.

Western Blot analysis of YWHAZ expression in HL-60.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN521446.