

Product Datasheet

DUSP22 Antibody (3D3) - Azide and BSA Free H00056940-M01

Unit Size: 0.1 mg

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

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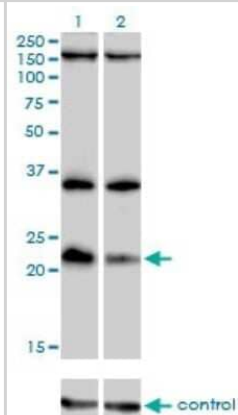


H00056940-M01**DUSP22 Antibody (3D3) - Azide and BSA Free**

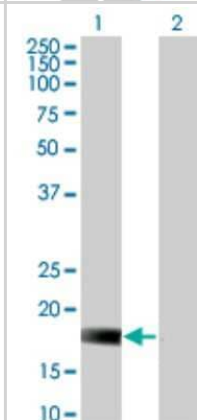
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3D3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	56940
Gene Symbol	DUSP22
Species	Human
Specificity/Sensitivity	DUSP22 - dual specificity phosphatase 22
Immunogen	DUSP22 (NP_064570, 112 a.a. ~ 184 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EDALHTVRAGRSCANPNVGFQRQLQEFQKHEVHQYRQWLKEEYGESPLQDA EEAKNILAAPGILKFWAFLRRL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500RNAi Validation, ELISA, Knockdown Validated
Application Notes	Antibody reactive against transfected lysate and recombinant protein for western blot. It has also been used for RNAi validation and ELISA.

Images

Western Blot: DUSP22 Antibody (3D3) [H00056940-M01] - Analysis of DUSP22 over-expressed 293 cell line, cotransfected with DUSP22 Validated Chimera RNAi (Cat # H00056940-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with DUSP22 monoclonal antibody (M01), clone 3D3 (Cat # H00056940-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: DUSP22 Antibody (3D3) [H00056940-M01] - Analysis of DUSP22 expression in transfected 293T cell line by DUSP22 monoclonal antibody (M01), clone 3D3. Lane 1: DUSP22 transfected lysate(20.9 KDa). Lane 2: Non-transfected lysate.



Publications

Lin H, Ho H, Chang C et al. DUSP22 suppresses prostate cancer proliferation by targeting the EGFR-AR axis. *FASEB J.* 2019-11-05 [PMID: 31693867]

Li JP, Fu YN, Chen YR, Tan TH. JNK Pathway-associated Phosphatase Dephosphorylates Focal Adhesion Kinase and Suppresses Cell Migration. *J Biol Chem.* 2010-02-19 [PMID: 20018849]

Sanchez-Mut JV, Aso E, Heyn H et al. Promoter hypermethylation of the phosphatase DUSP22 mediates PKA-dependent TAU phosphorylation and CREB activation in Alzheimer's disease. *Hippocampus.* 2014-01-16 [PMID: 24436131]

Li JP, Fu YN, Chen YR, Tan TH. JNK pathway-associated phosphatase dephosphorylates focal adhesion kinase and suppresses cell migration. *J Biol Chem* 285(8):5472-8. 2010-02-19 [PMID: 2001884]



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Products Related to H00056940-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-51697-0.1mg	Recombinant Human DUSP22 His 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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