

Product Datasheet

RAP1A Antibody (3E1) - Azide and BSA Free H00005906-M01

Unit Size: 0.1 mg

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

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H00005906-M01

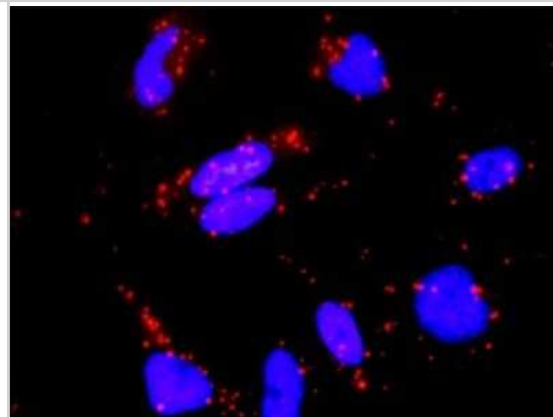
RAP1A Antibody (3E1) - Azide and BSA Free

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	3E1
Preservative	No Preservative
Isotype	IgG2a 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	5906
Gene Symbol	RAP1A
Species	Human
Specificity/Sensitivity	RAP1A (3E1)
Immunogen	RAP1A (AAH14086.1, 1 a.a. ~ 184 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MREYKLVVLGSGGVGKSALTVQFVQGIFVEKYDPTIEDSYRKQVEVDCQQCML EILDTAGTEQFTAMRDLYMKNQGQFALVYSITAQSTFNDLQDLREQILRVKDTE DVPMILVGNKCDLEDERVVGKEQGQNLARQWCNCAFLESSAKSKINVNEIFYD LVRQINRKTPVEKKKPKKKSCLLL
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, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

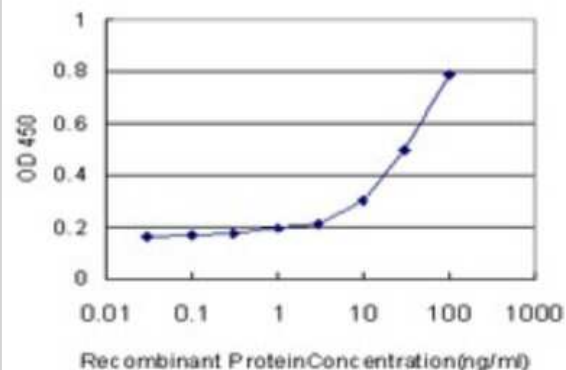


Images

Proximity Ligation Assay: RAP1A Antibody (3E1) [H00005906-M01] - Analysis of protein-protein interactions between RASGRP4 and RAP1A. HeLa cells were stained with anti-RASGRP4 rabbit purified polyclonal 1:1200 and anti-RAP1A mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: RAP1A Antibody (3E1) [H00005906-M01] - Detection limit for recombinant GST tagged RAP1A is approximately 1ng/ml as a capture antibody.



Publications

Wu H, Li Z, Yang Y et al. Rap1A accelerates homocysteine-induced ANA-1 cells inflammation via synergy of FoxO1 and DNMT3a Cellular signalling 2023-02-14 [PMID: 36791985] (WB, Mouse)

Bae I, Kim S Milk Exosome-Derived MicroRNA-2478 Suppresses Melanogenesis through the Akt-GSK3 beta Pathway Cells 2021-10-22 [PMID: 34831071] (WB, Mouse)

Chen CH, Chuang HC, Huang CC et al. Overexpression of Rap-1A Indicates a Poor Prognosis for Oral Cavity Squamous Cell Carcinoma and Promotes Tumor Cell Invasion via Aurora-A Modulation. Am J Pathol. 2012-12-03 [PMID: 23219753]



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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)
NBP1-45263-0.05mg	Recombinant Human RAP1A 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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