

Product Datasheet

Apc4 Antibody (CIV1.1) - BSA Free NBP2-50105

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-50105

Apc4 Antibody (CIV1.1) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CIV1.1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	92 kDa

Product Description	
Host	Mouse
Gene ID	29945
Gene Symbol	ANAPC4
Species	Human
Specificity/Sensitivity	CIV1.1 may be used for the affinity purification of the Anaphase Promoting Complex (APC/C) by peptide elution. Suggested Dilution for western blot: 1:500. It is suggested to blot for at least 2 hours (wet transfer) to ensure that APC4 is transferred efficiently. Mass spectrometry was used to confirm that the whole APC/C is co-precipitated. To establish the APC4 specific bands, it is suggested to do an APC4 immunoprecipitation assay showing input, IP and FT and blot for at least 2 hours.
Immunogen	C-terminus of Apc4

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Immunoprecipitation 1:10 - 1:500
Application Notes	WB - It is suggested to blot for at least 2 hours (wet transfer) to ensure that APC4 is transferred efficiently. Mass spectrometry was used to confirm that the whole APC/C is co-precipitated. To establish the APC4 specific bands, it is suggested to do an Apc4 immunoprecipitation assay showing input, IP and FT and blot for at least 2 hours. Positive control(s): Purified APC/C by silver and mass spectrometry.

Publications

De K, Grubb TM, Zalenski AA et al. Hyperphosphorylation of CDH1 in glioblastoma cancer stem cells attenuates APC/CCDH1 activity and pharmacological inhibition of APC/CCDH1/CDC20 compromises viability Mol. Cancer Res. 2019-04-29 [PMID: 31036696] (WB, Human)





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Products Related to NBP2-50105

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00029945-Q01-10ug	Recombinant Human Apc4 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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