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Datasheet for ABIN2856817

anti-PKN2 antibody

Images

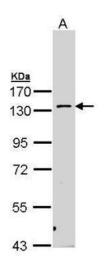


Overview		
Quantity:	100 μL	
Target:	PKN2	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PKN2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC),	
	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	Recombinant protein encompassing a sequence within the center region of human PKN2. The	
	exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Characteristics:	Rabbit polyclonal antibody to protein kinase N2 (protein kinase N2)	
	PRK2 antibody [N1N3]	
Purification:	Purified by antigen-affinity chromatography.	
Target Details		
Target:	PKN2	

Target:	PKN2	
Alternative Name:	protein kinase N2 (PKN2 Products)	

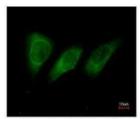
Target Details

Target Details		
Background:	Exhibits a preference for highly basic protein substrates.	
	Cellular Localization: Cytoplasm	
Molecular Weight:	112 kDa	
Gene ID:	5586	
UniProt:	Q16513	
Pathways:	Cell-Cell Junction Organization	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations	
	should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: H1299	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.93 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	

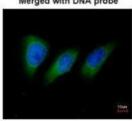


Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE antibody diluted at 1:1000

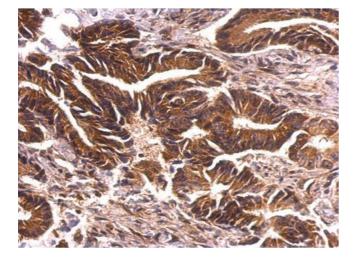


Merged with DNA probe



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using protein kinase N2, antibody at 1:200 dilution.



Immunohistochemistry

Image 3. IHC-P Image PRK2 antibody [N1N3] detects PRK2 protein at cytosol on human colon carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human colon carcinoma. PRK2 antibody [N1N3], dilution: 1:500.