

Product Data Sheet

Anti-NUMA Antibody

Catalog #	Source	Reactivity	Applications
CPA5219	Rabbit	H	WB, IH
Description	Rabbit polyclonal antibody to NUMA		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NUMA. The exact sequence is proprietary.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes endogenous levels of NUMA protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	NUMA1		
Alternative Names	NUMA; Nuclear mitotic apparatus protein 1; NuMA protein; SP-H antigen		
Entrez Gene	4926 (Human)		
SwissProt	Q14980 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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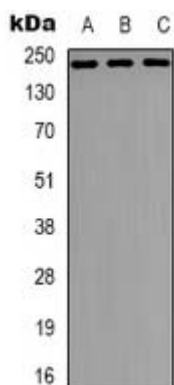
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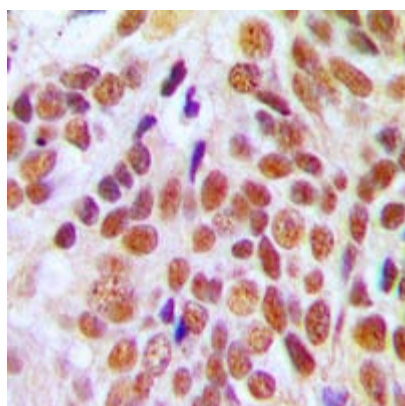
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Western blot analysis of NUMA expression in Hela (A), A431 (B), A549 (C) whole cell lysates.



Immunohistochemical analysis of NUMA staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugate compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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