

NUMA1

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:200 - 1:1000 IHC 1:50 - 1:100

Calculated MW:133kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human NUMA1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

NUMA

Catalog #:A0527

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:4926

Isotype:IgG

Swiss Prot:Q14980

Purity:Affinity purification

For research use only.

Background:

The nuclear mitotic apparatus protein (NuMA) is a coiled coil protein involved in the formation and maintenance of the mitotic spindle. NuMA plays a role in chromatin organization during interphase, which influences mammary epithelial differentiation (1,2). During apoptosis, carboxy-terminal cleavage of NuMA may amplify signaling in the cell death pathway (2). NuMA is phosphorylated at numerous sites, with phosphorylation at Ser395 occurring in an ATM/ATR-dependent manner in response to DNA damage (3,4).

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