

Rabbit NUMA1 Polyclonal Antibody | anti-NUMA1 antibody

NUMA1 Polyclonal Antibody

CATALOG # AAA36637	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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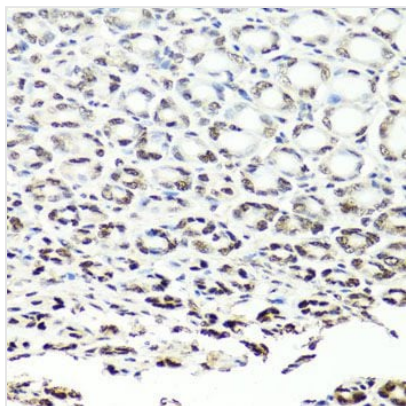
PRODUCT SYNONYMS

NUMA1; Polyclonal Antibody; NUMA1 Polyclonal Antibody; NuMA: NUMA; anti-NUMA1 antibody

PRODUCT SPECIFICATIONS

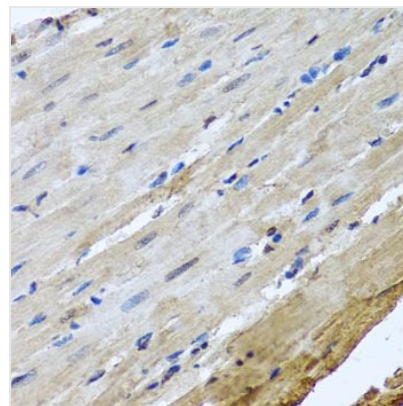
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	2115
Applicable Applications for anti-NUMA1 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NUMA1
Calculated Molecular Weight	133kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



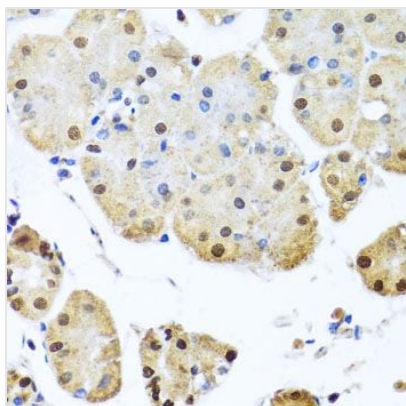
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse stomach using NUMA1 antibody at dilution of 1:100 (40x lens).



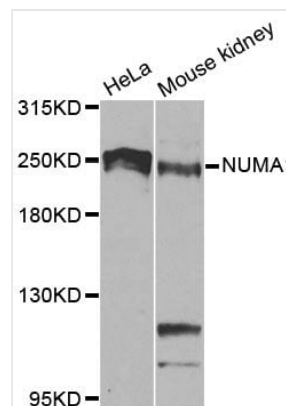
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using NUMA1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using NUMA1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NUMA1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NUMA1 antibody	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).
Product Categories/Family for anti-NUMA1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	145559510
NCBI GeneID	4926
UniProt Accession #	Q14980; Q14981; Q9BTE9; H0YH75
Molecular Weight	2115
NCBI Official Full Name	Nuclear mitotic apparatus protein 1
NCBI Official Synonym Full Names	nuclear mitotic apparatus protein 1
NCBI Official Symbol	NUMA1
NCBI Official Synonym Symbols	NUMA; NMP-22
NCBI Protein Information	nuclear mitotic apparatus protein 1; SP-H antigen; nuclear matrix protein-22; structural nuclear protein; centrophilin stabilizes mitotic spindle in mitotic cells
UniProt Protein Name	Nuclear mitotic apparatus protein 1
UniProt Gene Name	NUMA1
UniProt Synonym Gene Names	NMP-22
UniProt Entry Name	NUMA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.