

Rabbit anti-Human NUMA Polyclonal Antibody | anti-NUMA antibody

Rabbit anti-NUMA IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213937	Rabbit	Human	Immunohistochemistry, Immunohistochemistry

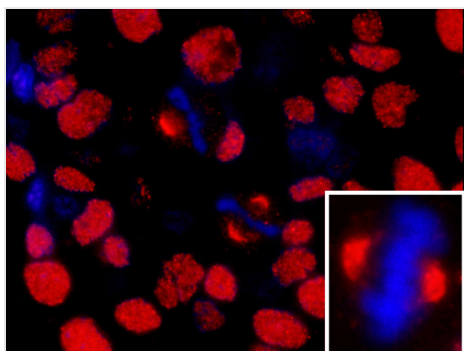
PRODUCT SYNONYMS

NUMA; Polyclonal Antibody; Rabbit anti-NUMA IHC Antibody; Affinity Purified; nuclear mitotic apparatus protein 1; NuMA protein; structural nuclear protein; nuclear matrix protein-22; NMP-22; centrophilin stabilizes mitotic spindle in mitotic cells; SP-H antigen; Nuclear mitotic apparatus protein; Nuclear mitotic apparatus protein 1; anti-NUMA antibody

PRODUCT SPECIFICATIONS

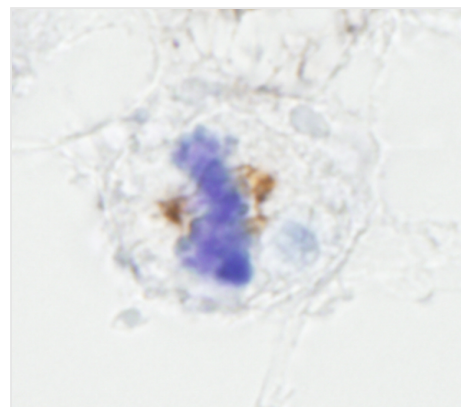
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	50ug/ml (varies by lot)
Applicable Applications for anti-NUMA antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Gorilla, Chimpanzee, Northern white-cheeked gibbon
Immunogen	Between 925 and 975
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



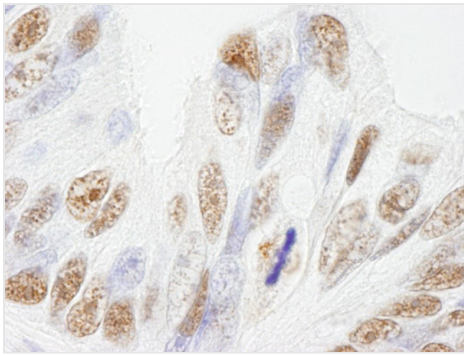
IHC (Immunohistochemistry)

Detection of human NUMA by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-NUMA (Cat. No. AAA213937) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody Hilyte Plus 555 used at a dilution of 1:100.



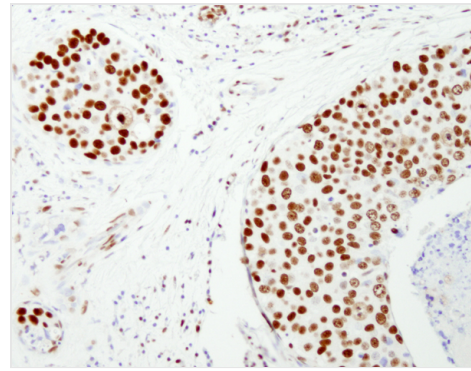
IHC (Immunohistochemistry)

Detection of human NUMA by immunohistochemistry. Sample: FFPE section of human seminoma. Antibody: Affinity purified rabbit anti-NUMA (Cat. No. AAA213937) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human NUMA by immunohistochemistry. Sample: FFPE section of human ovarian tumor. Antibody: Affinity purified rabbit anti-NUMA (Cat. No. AAA213937) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human NUMA by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-NUMA (Cat. No. AAA213937) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-NUMA antibody	The nuclear mitotic apparatus protein (NuMA) is a critical component of the mitotic spindle that is responsible for organizing minus-ends of microtubules at spindle poles. NUMA is regulated by phosphorylation and associates with dynein and dynactin in its phosphorylated form. Dephosphorylation of NUMA in anaphase results in the release from dynein and dynactin to allow spindle disassembly. NUMA, in association with dynein and dynactin, also interacts with 4.1R in a complex of spindle pole organizing proteins. Other NUMA interacting proteins include GAS41, tankyrase, and Rae1. These interactions indicate a broader role for NUMA function in the nucleus.
Product Categories/Family for anti-NUMA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	71361682
NCBI GeneID	4926
NCBI Accession #	NP_006176.2
NCBI GenBank Nucleotide #	NM_006185.2
UniProt Accession #	Q14980 ; Q14981 ; H0YH75
Molecular Weight	238,260 Da
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
NCBI Protein Information	nuclear mitotic apparatus protein 1; SP-H antigen; 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	NUMA; NuMA protein
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.

