

Rabbit anti-Human NUMA1 Polyclonal Antibody | anti-NUMA1 antibody

NUMA1 Antibody

CATALOG # AAA233817	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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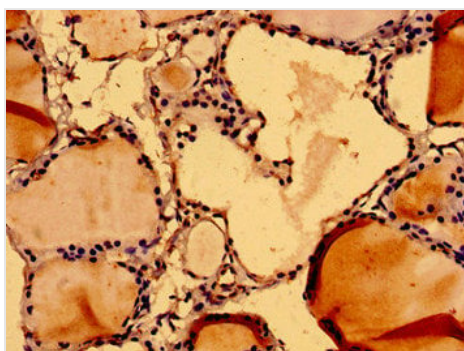
PRODUCT SYNONYMS

NUMA1; Polyclonal Antibody; NUMA1 Antibody; Nuclear mitotic apparatus protein 1; NuMA protein; Nuclear matrix protein-22; NMP-22; SP-H antigen; NMP22; NUMA; anti-NUMA1 antibody

PRODUCT SPECIFICATIONS

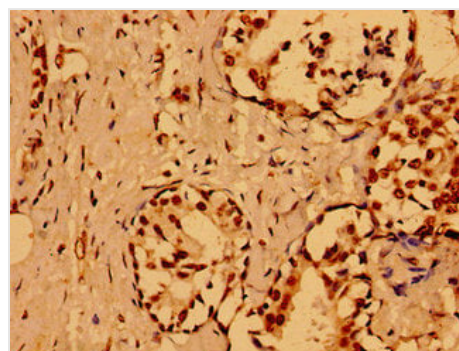
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	2101
Applicable Applications for anti-NUMA1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Nuclear mitotic apparatus protein 1 protein (627-870AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



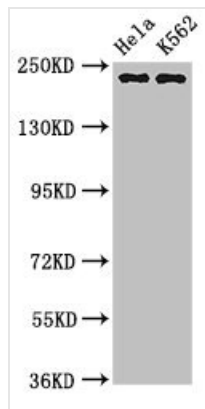
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human thyroid tissue using AAA233817 at dilution of 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA233817 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, K562 whole cell lysate All lanes:
 NUMA1 antibody at 3.2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000
 dilution Predicted band size: 239, 237, 202, 201, 110 KDa Observed band size: 239 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-NUMA1 antibody	Highly abundant component of the nuclear matrix where it may serve a non-mitotic structural role, occupies the majority if the nuclear volume (PubMed:10075938). Required for maintenance and establishment of the mitotic spindle poles during symmetric cell divisions, functioning as a tether linking bulk microtubules of the spindle to centrosomes (PubMed:7769006, PubMed:11956313, PubMed:26195665). Also required for proper alignment of the mitotic spindle during asymmetric cell divisions (PubMed:21816348).
Product Categories/Family for anti-NUMA1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	557440899
NCBI GeneID	4926
NCBI Accession #	NP_001273490.1
NCBI GenBank Nucleotide #	NM_001286561.1
UniProt Accession #	Q14980; Q14981; Q9BTE9; H0YH75
Molecular Weight	109,279 Da
NCBI Official Full Name	nuclear mitotic apparatus protein 1 isoform 2
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
UniProt Protein Name	Nuclear mitotic apparatus protein 1
UniProt Gene Name	NUMA1
UniProt Synonym Gene Names	NuMA protein

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.