
Product Name: NuMA Rabbit Polyclonal Antibody**Catalog #: APRab14975**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Molecular Weight	240kDa

Antigen Information

Gene Name	NUMA1
Alternative Names	NUMA1; NUMA; Nuclear mitotic apparatus protein 1; NuMA protein; SP-H antigen
Gene ID	4926.0
SwissProt ID	Q14980
Immunogen	The antiserum was produced against synthesized peptide derived from human NUMA1. AA range:334-383

Background

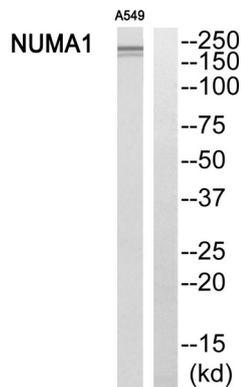
This gene encodes a large protein that forms a structural component of the nuclear matrix. The encoded protein interacts with

microtubules and plays a role in the formation and organization of the mitotic spindle during cell division. Chromosomal translocation of this gene with the RARA (retinoic acid receptor, alpha) gene on chromosome 17 have been detected in patients with acute promyelocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013],function:May be a structural component of the nucleus.,subcellular location:Dissociates from condensing chromosomes during early prophase, before the complete disintegration of the nuclear lamina. As mitosis progresses it reassociates with telophase chromosomes very early during nuclear reformation, before substantial accumulation of lamins on chromosomal surfaces is evident.,

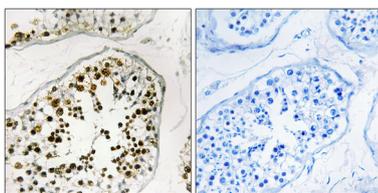
Research Area

Markers; Cell Biology; Cell Cycle; Cell Division; Spindle

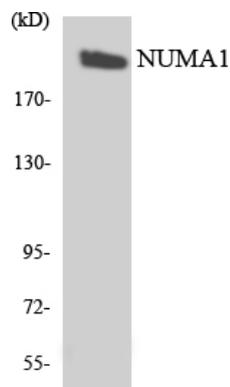
Image Data



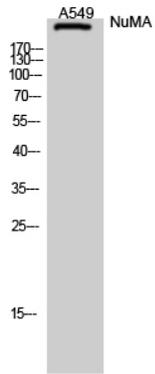
Western blot analysis of NUMA1 Antibody. The lane on the right is blocked with the NUMA1 peptide.



Immunohistochemistry analysis of paraffin-embedded human testis, using NUMA1 Antibody. The lane on the right is blocked with the NUMA1 peptide.



Western blot analysis of the lysates from K562 cells using NUMA1 antibody.



Western Blot analysis of A549 cells using NuMA Polyclonal Antibody diluted at 1 : 2000