Datasheet for ABIN7161810

anti-NUMA1 antibody (AA 627-870) (HRP)

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Overview

Quantity:	100 µg
Target:	NUMA1
Binding Specificity:	AA 627-870
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUMA1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Nuclear mitotic apparatus protein 1 protein (627-870AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NUMA1
Alternative Name:	NUMA1 (NUMA1 Products)
Background:	Background: 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).

Target Details

	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). Aliases: Centrophilin stabilizes mitotic spindle in mitotic cells antibody, NMP 22 antibody, Nuclear matrix protein 22 antibody, Nuclear mitotic apparatus protein 1 antibody, Nuclear mitotic apparatus protein antibody, NUMA 1 antibody, NUMA antibody, NuMA protein antibody, NUMA1 antibody, NUMA1_HUMAN antibody, SP H antigen antibody, SP-H antigen antibody, Structural nuclear protein antibody
UniProt:	Q14980
Pathways:	Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization, M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.