Datasheet for ABIN2613433

anti-Nucleostemin antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	Nucleostemin (GNL3)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Nucleostemin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GNL3
Sequence:	EKNNAQSIRA IKGPH
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_055181.3, NP_996561.1). Reported variants represent identical protein: NP_996561.1, NP_996562.1.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	Nucleostemin (GNL3)
Alternative Name:	GNL3 (GNL3 Products)
Background:	GNL3, guanine nucleotide binding protein-like 3 (nucleolar), C77032, E2IG3, NNP47, NS, E2-induced gene 3 protein, estradiol-induced nucleotide binding protein, guanine nucleotide-binding protein-like 3, novel nucleolar protein 47, nucleolar GTP-binding pr
Gene ID:	26354
NCBI Accession:	NP_055181, NP_996561

Application Details

Application Notes:	Western Blot: Approx 65+75 kDa bands observed in nuclear lysates of cell lines HeLa, HepG2 and K562 (calculated MW of 62.0 kDa according to NP_055181.3). The observed 75 kDa band likely represents the acetylated form. Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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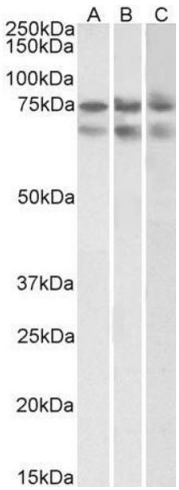

Western Blotting

Image 1. ABIN2613433 (2µg/ml) staining of HeLa (A)HepG2 (B) and K562 (C) nuclear lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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