

Centromere protein R Polyclonal Antibody

Catalog number: 10743-1-AP

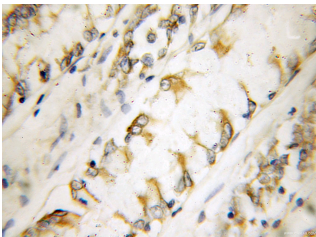
Size: 60 µg/150 µl

Source: Rabbit

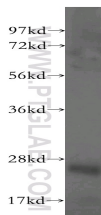
Isotype: IgG

Synonyms:

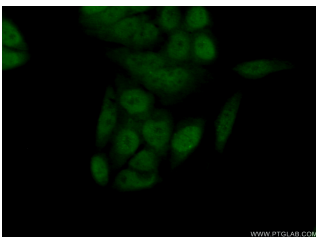
ITGB3BP; Beta 3 endonexin,
CENP R, CENPR, Centromere
protein R, HSU37139, ITGB3BP,
NRIF3, TAP20



Immunohistochemical of paraffin-embedded human colon cancer using 10743-1-AP (ITGB3BP antibody) at dilution of 1:100 (under 25x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 10743-1-AP (ITGB3BP antibody) at dilution of 1:600



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 10743-1-AP (Centromere protein R Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

ITGB3BP, also named as CENPR and NRIF3; is a transcription coregulator that can have both coactivator and corepressor functions. ITGB3BP acts as a coactivator for estrogen receptor alpha. It acts as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit, possibly by interfering with the transactivation domain of NFKB1. ITGB3BP induces apoptosis in breast cancer cells, but not in other cancer cells, via a caspase-2 mediated pathway that involves mitochondrial membrane permeabilization but does not require other caspases. ITGB3BP has five isoforms with MW 7 kDa, 13 kDa and 19-25 kDa.

Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	IF, IP, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated Centromere protein R MW:	20 kDa
Observed Centromere protein R MW:	25 kDa
Positive WB detected in	HeLa cells
Positive IHC detected in	Human colon cancer tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:50-1:500

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1204
GenBank accession number:	BC009929
Gene ID (NCBI):	23421
Full name:	Integrin beta 3 binding protein (beta3-endonexin)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.