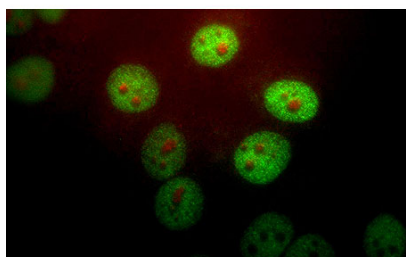




Chicken polyclonal antibody to Peptidylprolyl isomerase (Pin1)

Catalogue No.:	C-1398-50
Description:	The enzyme Peptidylprolyl isomerase (Pin1) is responsible for flipping the proline ring from the cis to trans conformation. This enzyme regulates mitosis presumably by interacting with NIMA and attenuating its mitosis-promoting activity (ref: SWISSPROT). Pin1 is concentrated in the nucleus in small punctate structures and is particularly obvious in tumor cells.
Batch No.:	See product label
Unit size:	50 uL
Antigen:	Recombinant full length Peptidylprolyl isomerase (Pin1) purified from E.coli
Isotype:	IgY
Other Names:	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1; Peptidyl-prolyl cis-trans isomerase Pin1; PPlase Pin-1; Rotamase Pin1; PIN1;
Accession:	Q13526 PIN1_HUMAN;
Produced in:	Chicken
Applications:	Western Blotting (WB) and Immunocytochemistry (IC). A dilution of 1:5,000 - 1:10,000 is recommended for WB. A dilution of 1:500-1,000 is recommended for IC. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB. This antibody detects ~21 kDa Pin1 protein.
Antibody Against:	Peptidylprolyl isomerase
Cross-reactivity:	Human, Rat, Mouse and Feline. Predicted to react with other mammalian tissue.
Form:	Lyophilised with 5% trehalose
Appearance:	White powder
Reconstitution:	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution of lyophilised antibody, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase



HeLa cells stained with Chicken polyclonal antibody to Peptidylprolyl isomerase (1:1,000 dilution, green) and Mouse monoclonal antibody to Fibrillarin (Nop1p) M-1372-250 (red). Peptidylprolyl isomerase (Pin-1) stains the nuclear matrix and, much more faintly, the cytoplasm. The fibrillarin antibody marks nucleoli.

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