

UBN-1 Polyclonal Antibody

Catalog No :	YT4806
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	UBN-1
Gene Name :	UBN1
Protein Name :	Ubinuclein-1
Human Gene Id :	29855
Human Swiss Prot No :	Q9NPG3
Mouse Gene Id :	170644
Mouse Swiss Prot No :	Q4G0F8
Immunogen :	The antiserum was produced against synthesized peptide derived from human Ubinuclein. AA range:161-210
Specificity :	UBN-1 Polyclonal Antibody detects endogenous levels of UBN-1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 122kD

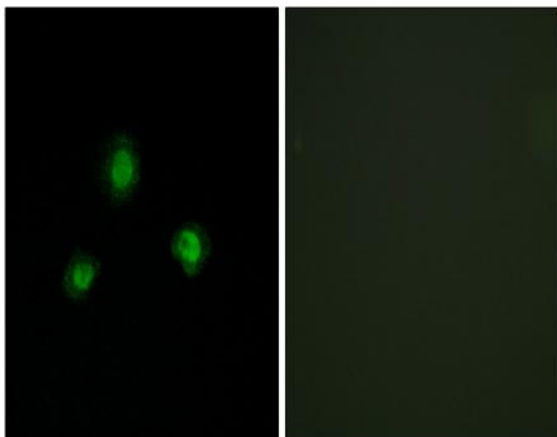
Background : function:Acts as a novel regulator of senescence. Involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. Binds to proliferation-promoting genes. May be required for replication-independent chromatin assembly.,similarity:Belongs to the ubinuclein family.,subcellular location:Localized as a nuclear speckled-like pattern in proliferating primary fibroblasts. Colocalizes with HIRA, PML and SP100 in PML bodies of senescent cells. Colocalizes with TJP1 and CLDN1. Detected along the upper granular cell layer of epidermis. When overexpressed, accumulates in the nucleus in cells showing defective cytokinesis.,subunit:Component of a complex that includes at least ASF1A, CABIN1, HIRA, histone H3.3 and UBN1. Interacts with Epstein-Barr virus BZLF1. Interacts with HIRA (via WD repeat domain); the interaction is direct. Interacts with ASF1A, CEBPA, TJP1, TJP2 and TJP3.,tissue specificity:Ubiquitous. Also expressed in numerous tumors and cancer cell lines.,

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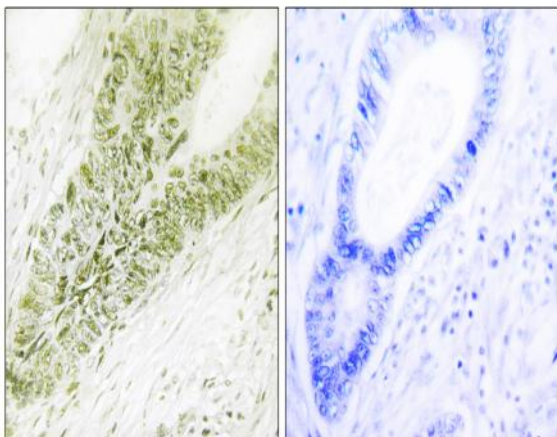
Subcellular Location : Nucleus, nucleoplasm. Nucleus, PML body. Cell junction, tight junction. Localized as a nuclear speckled-like pattern in proliferating primary fibroblasts. Colocalizes with HIRA, PML and SP100 in PML bodies of senescent cells. Colocalizes with TJP1 and CLDN1. Detected along the upper granular cell layer of epidermis. When overexpressed, accumulates in the nucleus in cells showing defective cytokinesis.

Expression : Ubiquitous. Also expressed in numerous tumors and cancer cell lines.

Products Images



Immunofluorescence analysis of A549 cells, using Ubinuclein Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using Ubinuclein Antibody. The picture on the right is blocked with the synthesized peptide.