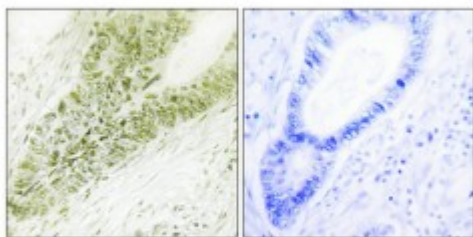


Anti-UBN-1 antibody



Description	Rabbit polyclonal to UBN-1.
Model	STJ96171
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human UBN-1
Immunogen Region	130-210 aa, Internal
Gene ID	29855
Gene Symbol	UBN1
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	UBN-1 Polyclonal Antibody detects endogenous levels of UBN-1 protein.
Tissue Specificity	Ubiquitous. Also expressed in numerous tumors and cancer cell lines.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubinuclein-1 HIRA-binding protein Protein VT4 Ubiquitously expressed nuclear protein
Molecular Weight	121.52 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12506OMIM:609771
Alternative Names	Ubinuclein-1 HIRA-binding protein Protein VT4 Ubiquitously expressed nuclear protein
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.
Cellular Localization	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.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com