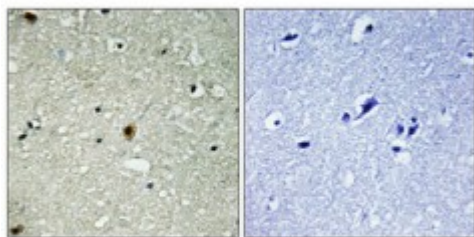


Anti-Phospho-HIRA (T555) antibody



Description	Rabbit polyclonal to Phospho-HIRA (T555).
Model	STJ91346
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human HIRA around the phosphorylation site of T555.
Immunogen Region	490-570 aa
Gene ID	7290
Gene Symbol	HIRA
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Phospho-HIRA (T555) Polyclonal Antibody detects endogenous levels of HIRA protein only when phosphorylated at T555.
Tissue Specificity	Expressed at high levels in kidney, pancreas and skeletal muscle and at lower levels in brain, heart, liver, lung, and placenta.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protein HIRA TUP1-like enhancer of split protein 1
Molecular Weight	111.835 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:4916OMIM:600237
Alternative Names	Protein HIRA TUP1-like enhancer of split protein 1
Function	Cooperates with ASF1A to promote replication-independent chromatin assembly. Required for the periodic repression of histone gene transcription during the cell cycle. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit.
Cellular Localization	Nucleus. Nucleus, PML body. Primarily, though not exclusively, localized to the nucleus. Localizes to PML bodies immediately prior to onset of senescence.
Post-translational Modifications	Sumoylated. Phosphorylated by CDK2/CCNA1 and CDK2/CCNE1 on Thr-555 in vitro. Also phosphorylated on Thr-555 and Ser-687 in vivo.

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