

PIF1 rabbit pAb

Cat No.:ES9432

For research use only

Overview

Product Name	PIF1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 150-230
Specificity	PIF1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	ATP-dependent DNA helicase PIF1 (EC 3.6.4.12) (PIF1/RRM3 DNA helicase-like protein)
Gene Name	PIF1 C15orf20
Cellular localization	Nucleus .; [Isoform 4]: Mitochondrion .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	80119
Human Swiss-Prot Number	Q9H611
Alternative Names	
Background	This gene encodes a DNA-dependent adenosine triphosphate (ATP)-metabolizing enzyme that functions as a 5' to 3' DNA helicase. The encoded protein can resolve G-quadruplex structures and RNA-DNA hybrids at the ends of chromosomes. It also prevents telomere elongation by inhibiting the actions of telomerase. Alternative splicing and the use of alternative start codons results in multiple





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isoforms that are differentially localized to either the mitochondria or the nucleus. [provided by RefSeq, Nov 2013],



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