



PIF1 Polyclonal Antibody

货号	YP-Ab-17914
同位型	IgG
应用	WB;ELISA
种属	Human;Mouse;Rat
靶点	PIF1
基因名称	PIF1 C15orf20
蛋白名称	ATP-dependent DNA helicase PIF1 (EC 3.6.4.12) (PIF1/RRM3 DNA helicase-like protein)
免疫原	Synthesized peptide derived from human protein . at AA range: 150-230
特异性	PIF1 Polyclonal Antibody detects endogenous levels of protein.
组成	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000 ELISA 1:5000-20000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
实测条带	70kD
背景	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 isoforms that are differentially localized to either the mitochondria or the nucleus. [provided by RefSeq, Nov 2013],
功能	function:DNA-dependent ATPase and DNA helicase inhibiting telomerase activity by unwinding DNA/RNA duplex formed by telomerase RNA and telomeric DNA in a 5' to 3' polarity. Negatively regulates telomere length and such inhibition requires its ATPase activity. Tightly cell cycle regulated and expressed in late S/G2 phase.,similarity:Belongs to the helicase family.,subunit:Interacts with telomerase.,tissue specificity:Weak ubiquitous expression.,
细胞定位	Nucleus .; [Isoform 4]: Mitochondrion .
组织表达	Weak ubiquitous expression.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!

使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images