



POT1 Polyclonal Antibody

Cat No: HR1AP4356

For research use only

Overview

Product Name	POT1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Monkey
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	70kDa
GenID?Human?	POT1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	POT1; Protection of telomeres protein 1; hPot1; POT1-like telomere end-binding protein
Background	protection of telomeres 1(POT1) Homo sapiens This gene is a member of the telombin family and encodes a nuclear protein involved in telomere maintenance. Specifically, this protein functions as a member of a multi-protein complex that binds to the TTAGGG repeats of telomeres, regulating telomere length and protecting chromosome ends from illegitimate recombination, catastrophic chromosome instability, and abnormal chromosome segregation. Increased transcriptional expression of this gene is associated with stomach carcinogenesis and its progression. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008].