

Product datasheet for **TA359483**

POT1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human POTE1
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	69kDa
Gene Name:	protection of telomeres 1
Database Link:	XP_006715980 Entrez Gene 25913 Human Q9NUX5



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Background:

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.

Synonyms:

DKFZp586D211; hPot1; OTTHUMP00000211676

Product images:


Host: Rabbit
 Target Name: POTE1
 Sample Tissue: RPMI-8226 Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: POTE1
 Sample Type: RPMI-8226 Whole Cell lysates
 Antibody Dilution: 1.0ug/ml



Host: Rabbit
 Target Name: POT1
 Sample Type: HepG2 Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: POT1
 Sample Tissue: Human HepG2 Whole Cell
 Antibody Dilution: 0.2ug/ml