

Rabbit anti-Human POT1 Polyclonal Antibody | anti-POT1 antibody

POT1 Antibody

CATALOG # AAA309160	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

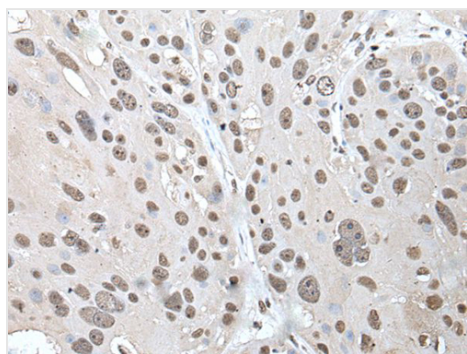
PRODUCT SYNONYMS

POT1; Polyclonal Antibody; POT1 Antibody; CMM10; HPOT1; anti-POT1 antibody

PRODUCT SPECIFICATIONS

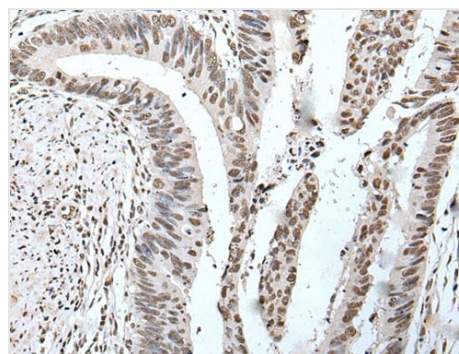
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total POT1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.6mg/ml (varies by lot)
Sequence Length	503
Applicable Applications for anti-POT1 antibody	IHC (Immunohistochemistry)
Immunogen	Fusion protein of human POT1
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using POT1 Antibody at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using POT1 Antibody at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-POT1 antibody	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.
Product Categories/Family for anti-POT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	110671314
NCBI GeneID	25913
NCBI Accession #	NP_001036059.1
NCBI GenBank Nucleotide #	NM_001042594.1
UniProt Accession #	Q9NUX5; O95018; Q5MJ36; Q9H662; Q9NW19; Q9UG95
Molecular Weight	60,534 Da
NCBI Official Full Name	protection of telomeres protein 1 isoform 4
NCBI Official Synonym Full Names	protection of telomeres 1
NCBI Official Symbol	POT1
NCBI Official Synonym Symbols	GLM9; CMM10; HPOT1
NCBI Protein Information	protection of telomeres protein 1
UniProt Protein Name	Protection of telomeres protein 1
UniProt Gene Name	POT1
UniProt Synonym Gene Names	hPot1
UniProt Entry Name	POTE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/pot1-antibody-immunohistochemistry-elisa/309160>