

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

POT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175079	Rabbit	Human	ELISA, Immunohistochemistry

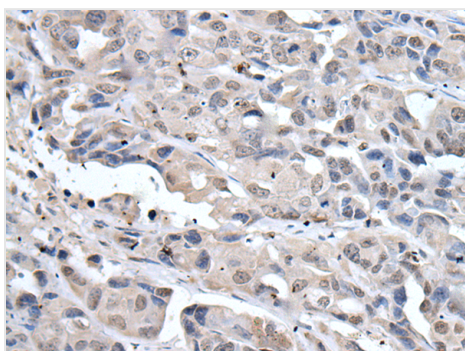
PRODUCT SYNONYMS

POT1; Polyclonal Antibody; POT1 Polyclonal Antibody; DKFZP586D211; HPot 1; HPot1; POT 1; POT1 like telomere end-binding protein; POT1 protection of telomeres 1 homolog; POT1-like telomere end-binding protein; POTE1; Protection of telomeres 1; Protection of telomeres 1 homolog (S. pombe); Protection of telomeres protein 1; anti-POT1 antibody

PRODUCT SPECIFICATIONS

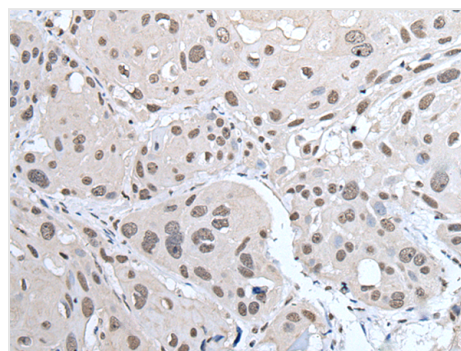
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.4mg/mL (varies by lot)
Sequence Length	634
Applicable Applications for anti-POT1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human POT1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using POT1 Polyclonal Antibody at dilution of 1:30(×200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using POT1 Polyclonal Antibody at dilution of 1:30(×200

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	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	98991776
NCBI GeneID	25913
NCBI Accession #	NP_056265.2; BC002923
NCBI GenBank Nucleotide #	NP_056265.2
UniProt Accession #	Q9NUX5
NCBI Official Full Name	protection of telomeres protein 1 isoform 1
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pot1-antibody-immunohistochemistry-elisa/175079>