

Rabbit POT1 Polyclonal Antibody | anti-POT1 antibody

POT1 Polyclonal Antibody

CATALOG # AAA36826	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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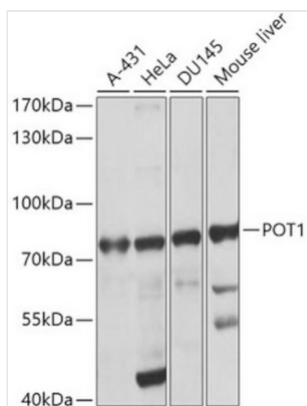
PRODUCT SYNONYMS

POT1; Polyclonal Antibody; POT1 Polyclonal Antibody; GLM9; CMM10; HPOT1; anti-POT1 antibody

PRODUCT SPECIFICATIONS

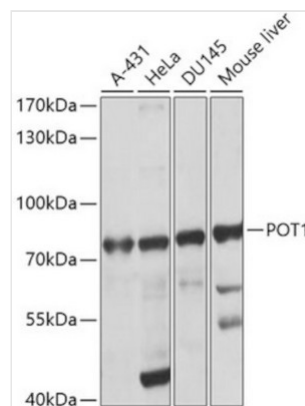
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Sequence Length	634
Applicable Applications for anti-POT1 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant protein (or fragment).This information is considered to be commercially sensitive.
Cross-Reactivity	Human,Mouse
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



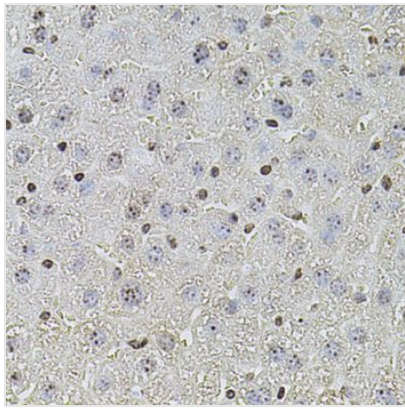
WB (Western Blot)

Western blot analysis of various lysates using POT1 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



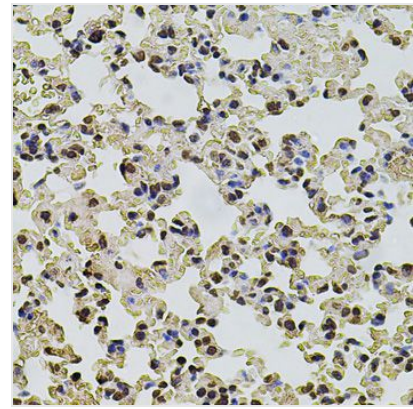
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using POT1 antibody at dilution of 1:100 (40x lens).



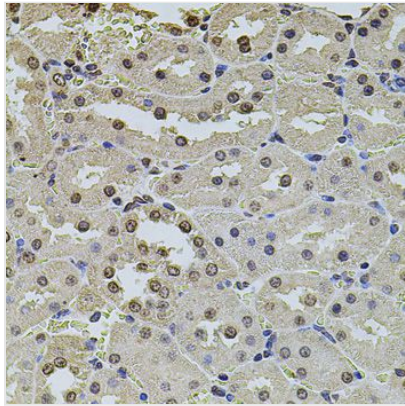
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using POT1 antibody at dilution of 1:100 (40x lens).



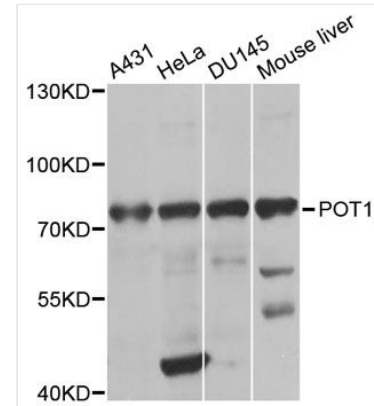
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using POT1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using POT1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using POT1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	50401179
NCBI GeneID	25913
UniProt Accession #	Q9NUX5; O95018; Q5MJ36; Q9H662; Q9NW19; Q9UG95
Molecular Weight	Observed MW: 75kDa Calculated MW: 71kDa
NCBI Official Full Name	Protection of telomeres protein 1
NCBI Official Synonym Full Names	protection of telomeres 1

NCBI Official Symbol	POT1
NCBI Official Synonym Symbols	CMM10; HPOT1
NCBI Protein Information	protection of telomeres protein 1; protection of telomeres 1 homolog; POT1-like telomere end-binding protein
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-western-blot-elisa/36826>