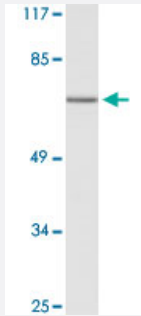


POT1 polyclonal antibody

Catalog # PAB25079 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COS-7 cell lysate with POT1 polyclonal antibody (Cat # PAB25079).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of POT1.
Immunogen	A synthetic peptide corresponding to POT1.
Host	Rabbit
Theoretical MW (kDa)	72
Reactivity	Human
Specificity	POT1 polyclonal antibody detects endogenous levels of POT1 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of COS-7 cell lysate with POT1 polyclonal antibody (Cat # PAB25079).

Gene Info — POT1

Entrez GeneID[25913](#)**Gene Name**

POT1

Gene Alias

DKFZp586D211, hPot1

Gene Description

POT1 protection of telomeres 1 homolog (S. pombe)

Omim ID[606478](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

POT1-like telomere end-binding protein|protection of telomeres 1

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Lung Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)