

POLE antibody

Cat. No. GTX132100

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References (18)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:2500
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 262 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.26 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human POLE. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

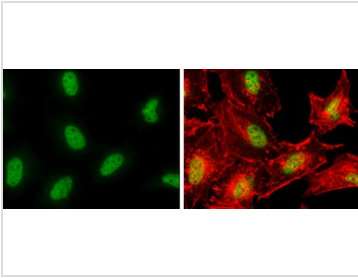
Note

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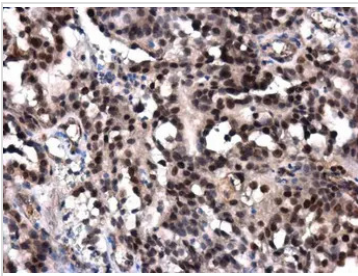
DATA IMAGES

GTX132100 ICC/IF Image

POLE antibody detects POLE protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: POLE protein stained by POLE antibody (GTX132100) diluted at 1:2500.

Red: phalloidin, a cytoskeleton marker, diluted at 1:100.

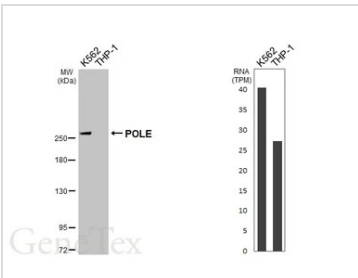

GTX132100 IHC-P Image

POLE antibody detects POLE protein at nucleus in human ovary by immunohistochemical analysis.

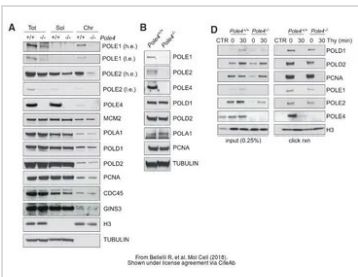
Sample: Paraffin-embedded human ovary.

POLE antibody (GTX132100) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX132100 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with POLE antibody (GTX132100) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.


GTX132100 WB Image

The data was published in the Mol Cell in 2018. [PMID: 29754823](https://pubmed.ncbi.nlm.nih.gov/29754823/)



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