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Datasheet for ABIN2178567  
**anti-POLE antibody (AA 101-200) (HRP)**

### Overview

Quantity:	100 µL
Target:	POLE
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLE antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DNA Polymerase epsilon subunit 2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	POLE
Alternative Name:	DNA polymerase epsilon ( <a href="#">POLE Products</a> )

## Target Details

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Background:	Synonyms: DPE2, DNA polymerase epsilon subunit 2, DNA polymerase II subunit 2, DNA polymerase epsilon subunit B, POLE2 Background: Participates in DNA repair and in chromosomal DNA replication.
Gene ID:	5427
UniProt:	<a href="#">P56282</a>
Pathways:	<a href="#">Telomere Maintenance</a> , <a href="#">DNA Damage Repair</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

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Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months