

DNA pol ε 4 rabbit pAb**Cat#: orb769726 (Manual)**

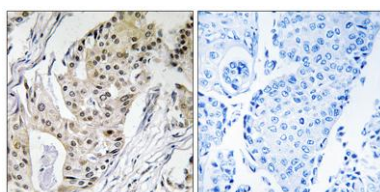
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Product Name	DNA pol ε 4 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human POLE4. AA range:61-110
Specificity	DNA pol ε 4 Polyclonal Antibody detects endogenous levels of DNA pol ε 4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	DNA polymerase epsilon subunit 4
Gene Name	POLE4
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	12kD
Human Gene ID	56655
Human Swiss-Prot Number	Q9NR33
Alternative Names	POLE4; DNA polymerase epsilon subunit 4; DNA polymerase II subunit 4; DNA polymerase epsilon subunit p12

Background

POLE4 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM, Apr 2004],



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using POLE4 Antibody. The picture on the right is blocked with the synthesized peptide.