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Pole3 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10456

Product Information

Application	WB
Primary Accession	Q9JKP7
Other Accession	NM_021498, NP_067473
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine
Predicted	Zebrafish, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16629

Additional Information

Gene ID	59001
Alias Symbol	1810034K18Rik, YBL1
Other Names	DNA polymerase epsilon subunit 3, 2.7.7.7, DNA polymerase II subunit 3, DNA polymerase epsilon subunit p17, NF-YB-like protein, YB-like protein 1, YBL1, Pole3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Pole3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Pole3 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Pole3
Function	Accessory component of the DNA polymerase epsilon complex (By similarity). Participates in DNA repair and in chromosomal DNA replication (By similarity). Forms a complex with CHRAC1 and binds naked DNA, which is then incorporated into chromatin, aided by the nucleosome-remodeling activity of ISWI/SNF2H and ACF1 (By similarity). Does not enhance nucleosome sliding activity of the ACF-5 ISWI chromatin remodeling complex (By similarity).
Cellular Location	Nucleus.

Tissue Location	Ubiquitously expressed.

Images

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.