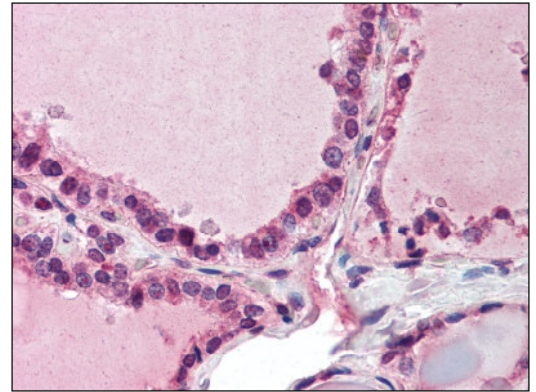


AP08399PU-N**Polyclonal Antibody to PAPD7 / POLS / TRF4 (447-462) - Aff - Purified**

Alternate names:	DNA polymerase kappa, DNA polymerase sigma, LAK-1, PAP-associated domain-containing protein 7, TRF-4, TUTase5, Terminal uridylyltransferase 5, Topoisomerase-related function protein 4-1
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	Catalytic subunit of a TRAMP-like complex which has a poly(A) RNA polymerase activity and is involved in a post-transcriptional quality control mechanism. Polyadenylation with short oligo(A) tails is required for the degradative activity of the exosome on several of its nuclear RNA substrates. Has no terminal uridylyltransferase activity, and does not play a role in replication-dependent histone mRNA degradation via uridylation.
Uniprot ID:	Q5XG87
NCBI:	NP_001165276.1
GeneID:	11044
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide containing amino acids 447-462 of human TRF4-1 AA Sequence: CTASLKAVHHMSSPAI Remarks: Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Marmoset, Panda, Dog, Bat (88%); Hamster, Elephant, Rabbit, Horse, Opossum, Platypus (81%)
Format:	State: Liquid purified Ig fraction Purification: Protein G Chromatography Buffer System: PBS containing 0.2% Gelatin as stabilizer and 0.05% Sodium Azide as preservative
Applications:	Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1 - 2 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Polymerase (DNA Directed) Sigma (POLS/TRF4-1) at aa 447-462.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Gorilla, Gibbon, Monkey, Marmoset, Panda, Dog, Bat, Hamster, Elephant, Rabbit, Horse, Opossum, Platypus.
Storage:	Store the antibody undiluted at 2-8°C for one month (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Thyroid: Formalin-Fixed Paraffin-Embedded (FFPE)



Western Blot: Detection of TRF4-1 in HeLa cell lysate with anti-TRF4-1 antibody (AP08399PU-N).

