

Rabbit PAPD7 / TRF4-1 Polyclonal Antibody | anti-PAPD7 antibody

Rabbit Polyclonal (IgG) to Human PAPD7 / TRF4-1

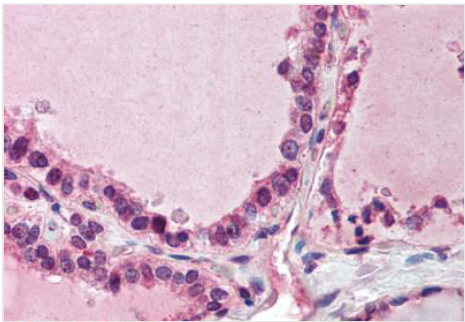
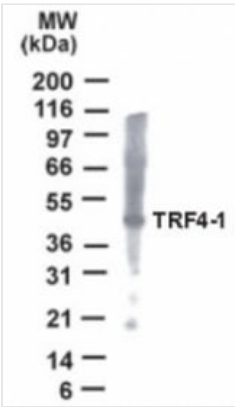
CATALOG # AAA50842	HOST Rabbit	REACTIVITY Gibbon, Gorilla, Human, Monkey	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

PAPD7 / TRF4-1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human PAPD7 / TRF4-1; Anti-PAPD7 / TRF4-1 Antibody (aa447-462) IHC-plus; PAPD7; DNA polymerase kappa; DNA polymerase sigma; LAK1; POLS; LAK-1; Terminal uridylyltransferase 5; TRF4; TUTase 5; TRF4-1; TRF41; TUTASE5; Human PAPD7; anti-PAPD7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	A synthetic peptide containing amino acids 447-462 of human TRF4-1.
Purity/Purification	Protein G Purified
Form/Format	PBS containing 0.2% gelatin and 0.05% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	542
Applicable Applications for anti-PAPD7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	This antibody was generated by immunizing rabbits with a synthetic peptide containing amino acids 447-462 (GTASLKAVHHMSSPAI) of human TRF4-1, GenBank no NP_008930.1. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%).
Immunogen Type	Synthetic peptide
Immunogen	PAPD7 / TRF4-1 antibody was raised against this antibody was generated by immunizing rabbits with a synthetic peptide containing amino acids 447-462 (GTASLKAVHHMSSPAI) of human TRF4-1, GenBank no NP_008930.1. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Marmoset, Panda, Dog, Bat (88%); Hamster, Elephant, Rabbit, Horse, Opossum, Platypus (81%).
Antigen Modification	aa447-462
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.



IHC (Immunohistochemistry)
Anti-PAPD7 / POLS antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902142
NCBI GeneID	11044
NCBI Accession #	NP_008930.1
NCBI GenBank Nucleotide #	NM_006999.4
UniProt Accession #	Q5XG87; O43289; Q17RZ1; Q9Y6C1; A8K1E2; M1JCE6
Molecular Weight	59,874 Da
NCBI Official Full Name	non-canonical poly(A) RNA polymerase PAPD7 isoform 1
NCBI Official Synonym Full Names	PAP associated domain containing 7
NCBI Official Symbol	PAPD7
NCBI Official Synonym Symbols	LAK1; POLK; POLS; TRF4; LAK-1; TRF41; TRF4-1; TUTASE5
NCBI Protein Information	non-canonical poly(A) RNA polymerase PAPD7; non-canonical poly(A) RNA polymerase PAPD7; TUTase 5; DNA polymerase kappa; DNA polymerase sigma; terminal uridylyltransferase 5; polymerase (DNA directed) sigma; polymerase (DNA-directed) sigma; PAP-associated domain-containing protein 7; topoisomerase-related function protein 4-1; TRAMP-like complex polyadenylate polymerase
UniProt Protein Name	Non-canonical poly(A) RNA polymerase PAPD7
UniProt Gene Name	PAPD7
UniProt Synonym Gene Names	POLS; TRF4; TUTase 5; TRF4-1
UniProt Entry Name	PAPD7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.