



# Anti-THOC2 (aa 1400-1450) polyclonal antibody (DPABH-23883)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Component of the THO subcomplex of the TREX complex. The TREX complex specifically associates with spliced mRNA and not with unspliced pre-mRNA. It is recruited to spliced mRNAs by a transcription-independent mechanism. Binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export. The recruitment occurs via an interaction between THOC4 and the cap-binding protein NCBP1. UAP56 functions as a bridge between THOC4 and the THO complex. The TREX complex is essential for the export of Kaposi sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production. The recruitment of the TREX complex to the intronless viral mRNA occurs via an interaction between KSHV ORF57 protein and THOC4.
<b>Immunogen</b>	Synthetic peptide, corresponding to a region within amino acids 1400-1450 of Human THOC2 (NP_001075019.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP
<b>Format</b>	Liquid
<b>Size</b>	100 µg

<b>Buffer</b>	Constituent: 99% Tris citrate/phosphateNote: pH 7-8
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">THOC2 THO complex 3 [ Homo sapiens ]</a>
<b>Official Symbol</b>	THOC2
<b>Synonyms</b>	THOC2; THO complex 2; THO2; CXorf3; hTREX120; dJ506G2.1; THO complex subunit 2;
<b>Entrez Gene ID</b>	<a href="#">57187</a>
<b>Protein Refseq</b>	<a href="#">NP_001075019.1</a>
<b>UniProt ID</b>	<a href="#">Q8NI27</a>
<b>Pathway</b>	RNA transport; Spliceosome; THC complex; TREX complex
<b>Function</b>	RNA binding; protein binding;