



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

Antigen Description 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.

Immunogen	Synthetic peptide, corresponding to a region within amino acids 1400-1450 of Human THOC2 (NP_001075019.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphate Note: pH 7-8
Preservative	0.09% Sodium Azide
Storage	Store at 4°C.

GENE INFORMATION

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