

Rabbit anti-Human THOC5 Polyclonal Antibody | anti-THOC5 antibody

THOC5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234444	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

THOC5; Polyclonal Antibody; THOC5 Antibody; THO complex subunit 5 homolog; Functional spliceosome-associated protein 79; fSAP79; NF2/meningioma region protein pK1.3; Placental protein 39.2; PP39.2; hTRESX90; C22orf19; KIAA0983; anti-THOC5 antibody

PRODUCT SPECIFICATIONS

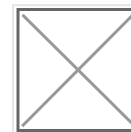
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	683
Applicable Applications for anti-THOC5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human THO complex subunit 5 homolog protein (2-53AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234444 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234444 diluted at 1:300 and staining in paraffin-embedded human spleen tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-THOC5 antibody	Acts as component of the THO subcomplex of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and which specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX 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 to the cytoplasm via the TAP/NFX1 pathway. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production. THOC5 in conjunction with ALYREF/THOC4 functions in NXF1-NXT1 mediated nuclear export of HSP70 mRNA; both proteins enhance the RNA binding activity of NXF1 and are required for NXF1 localization to the nuclear rim. Involved in transcription elongation and genome stability. Involved in alternative polyadenylation site choice by recruiting CPSF6 to 5' region of target genes; probably mediates association of the TREX and CFIm complexes.
Product Categories/Family for anti-THOC5 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	50959102
NCBI GeneID	8563
NCBI Accession #	NP_001002877.1
NCBI GenBank Nucleotide #	NM_001002877.1
UniProt Accession #	Q13769; O60839; Q9UPZ5
Molecular Weight	78,508 Da
NCBI Official Full Name	THO complex subunit 5 homolog
NCBI Official Synonym Full Names	THO complex 5
NCBI Official Symbol	THOC5
NCBI Official Synonym Symbols	Fmip; PK1.3; fSAP79; C22orf19
NCBI Protein Information	THO complex subunit 5 homolog
UniProt Protein Name	THO complex subunit 5 homolog
UniProt Gene Name	THOC5
UniProt Synonym Gene Names	C22orf19; KIAA0983; fSAP79; PP39.2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/thoc5-antibody-immunofluorescence-immunohistochemistry-elisa/234444>