

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

THOC5 Antibody

CATALOG # AAA306685	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

THOC5; Polyclonal Antibody; THOC5 Antibody; THO complex subunit 5 homolog; NF2/meningioma region protein pK1.3; Placental protein 39.2; C22orf19; anti-THOC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total THOC5 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	683
Applicable Applications for anti-THOC5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human THOC5.
Target Name	THOC5
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using THOC5 antibody.



WB (Western Blot)

Western blot analysis of extracts from JK cells and HepG2 cells, using THOC5 antibody.

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. Regulates the expression of myeloid transcription factors CEBPA, CEBPB and GAB2 by enhancing the levels of phosphatidylinositol 3,4,5-trisphosphate. May be involved in the differentiation of granulocytes and adipocytes. Essential for hematopoietic primitive cell survival and plays an integral role in monocytic development.Xie Y.G., Hum. Mol. Genet. 2:1361-1368(1993).Nagase T., DNA Res. 6:63-70(1999).Collins J.E., Genome Biol. 5:RESEARCH84.1-RESEARCH84.11(2004)
Product Categories/Family for anti-THOC5 antibody	Total protein Ab

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
UniProt Entry Name	THOC5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/thoc5-antibody-immunohistochemistry-western-blot-elisa/306685>