

Rabbit anti-Human THOC2 Polyclonal Antibody | anti-THOC2 antibody

Rabbit anti-THOC2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212243	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

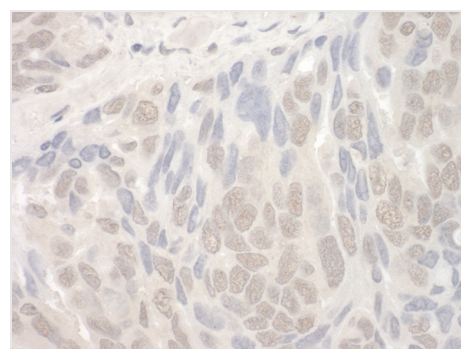
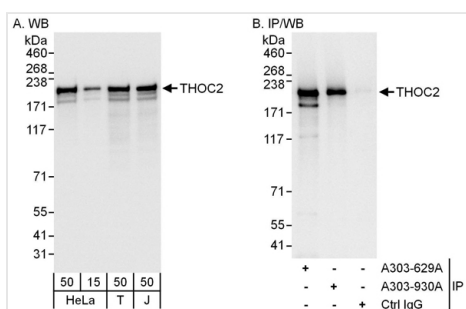
PRODUCT SYNONYMS

THOC2; Polyclonal Antibody; Rabbit anti-THOC2 Antibody; Affinity Purified; mental retardation; X-linked 35; MRX12; MRX35; THO2; hTREX120; dJ506G2.1; CXorf3; THO complex subunit 2; X-linked 12; THO complex 2; anti-THOC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-THOC2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1400 and 1450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human THOC2 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-THOC2 (Cat. No. AAA212243) used at a dilution of 1:1,000 (1ug/ml) Detection: DAB

WB (Western Blot)

Detection of human THOC2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-THOC2 antibody AAA212243 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. THOC2 was also immunoprecipitated by rabbit anti-THOC2 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 1 second (B).

ADDITIONAL INFORMATION

Related Product Information for anti-THOC2 antibody	THO complex subunit 2 (THOC2) is a 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. THOC2 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8NI27].
Product Categories/Family for anti-THOC2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	125656165
NCBI GeneID	57187
NCBI Accession #	NP_001075019.1
NCBI GenBank Nucleotide #	NM_001081550.1
UniProt Accession #	Q8NI27 ; Q5JZ12 ; Q6IN92 ; Q9H8I6 ; A6NM50
Molecular Weight	182,775 Da
NCBI Official Full Name	THO complex subunit 2
NCBI Official Synonym Full Names	THO complex 2
NCBI Official Symbol	THOC2
NCBI Official Synonym Symbols	THO2; CXorf3; hTREX120; dJ506G2.1
NCBI Protein Information	THO complex subunit 2
UniProt Protein Name	THO complex subunit 2
UniProt Gene Name	THOC2
UniProt Synonym Gene Names	CXorf3; Tho2
UniProt Entry Name	THOC2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/thoc2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212243>