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## Datasheet for ABIN5517619 **anti-THOC7 antibody (C-Term)**

### Overview

Quantity:	100 µL
Target:	THOC7
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THOC7 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human THOC7
Sequence:	SVEDKLELRR KQFHVLLSTI HELQQTLEND EKLSEVEEAQ EASMETDPKP
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Pig: 93%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against THOC7. It was validated on Western Blot.
Purification:	Affinity purified

### Target Details

Target:	THOC7
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## Target Details

Alternative Name:	THOC7 ( <a href="#">THOC7 Products</a> )
Background:	<p>THOC7 is required for efficient export of polyadenylated RNA. It 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.</p> <p>Alias Symbols: THOC7, NIF3L1BP1,</p> <p>Protein Interaction Partner: THOC2, RPA3, RPA2, RPA1, CKAP4, UBC, ZC3H15, TRMT112, PPIP5K2, THOC1, UBE3C, USP13, ZPR1, THOC5, VIM, S100A13, WDR36, ZCRB1, THOC3, ZNF606, THOC6, ALYREF, DDX39B, NIF3L1, CHD3, MED8, GOT2, MED18, MED22,</p> <p>Protein Size: 204</p>
Gene ID:	80145
NCBI Accession:	<a href="#">NP_079351</a>
UniProt:	<a href="#">Q6I9Y2</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

## Handling

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should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.