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Datasheet for ABIN7172052

**anti-THO Complex 3 antibody (AA 2-351) (Biotin)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | THO Complex 3 (THOC3)                               |
| Binding Specificity: | AA 2-351  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This THO Complex 3 antibody is conjugated to Biotin |
| Application:         | ELISA   |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human THO complex subunit 3 protein (2-351AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified                                  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | THO Complex 3 (THOC3)   |
| Alternative Name: | THOC3 ( <a href="#">THOC3 Products</a> )  |
| Background:       | Background: Required for efficient export of polyadenylated RNA and spliced mRNA. Acts as component of the THO subcomplex of the TREX complex which is thought to couple mRNA |

## Target Details

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.

Aliases: hTREX45 antibody, TEX1 homolog antibody, THO complex subunit 3 antibody, Tho3 antibody, THOC3 antibody, THOC3\_HUMAN antibody

UniProt: [Q96J01](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.