

Datasheet for ABIN2855518  
**anti-THOC1 antibody (C-Term)**

5 Images

1 Publication

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## Overview

Quantity:	100 µL
Target:	THOC1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THOC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Chromatin Immunoprecipitation (ChIP)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Nuclear Matrix Protein p84. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Avian, Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Nuclear Matrix Protein p84 (THO complex 1) Nuclear Matrix Protein p84 antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

## Target Details

Target:	THOC1
Alternative Name:	THO complex 1 ( <a href="#">THOC1 Products</a> )
Background:	HPR1 is part of the TREX (transcription/export) complex, which includes TEX1 (MIM 606929), THO2 (MIM 300395), ALY (MIM 604171), and UAP56 (MIM 606390).[supplied by OMIM]
Molecular Weight:	76 kDa
Gene ID:	9984
UniProt:	<a href="#">Q96FV9</a>

## Application Details

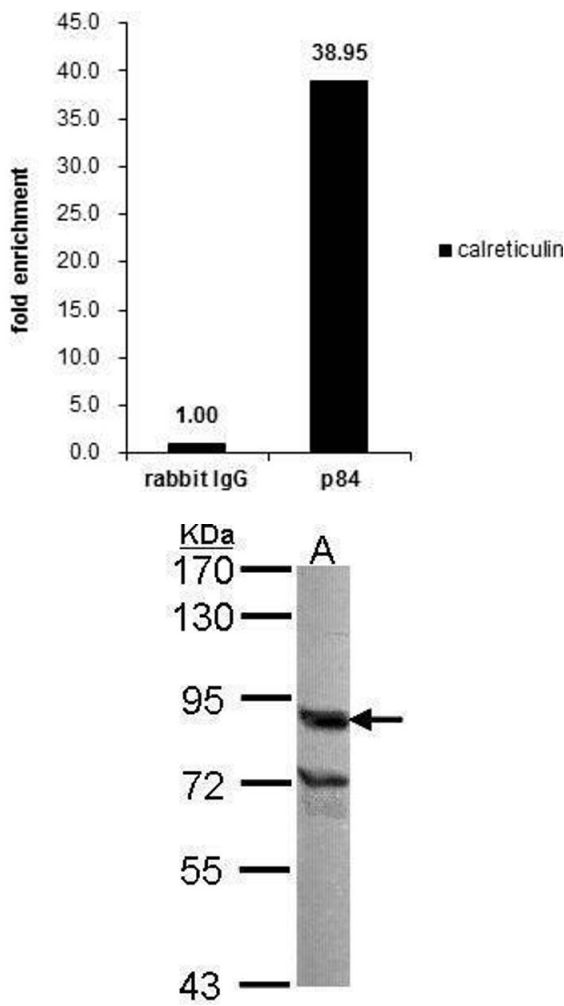
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 , PC-12 , Rat-2 Validation: KO/KD
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Product cited in: Pfeifer, Thurner, Kessel, Fadle, Kheiroddin, Regitz, Hoffmann, Kos, Preuss, Fischer, Roemer, Lohse, Heyne, Detemple, Fedlmeier, Juenger, Sauer, Meyer, Rohrer, Wittkowski, Becker, Masjosthusmann, Bals et al.: "Autoantibodies against interleukin-1 receptor antagonist in multisystem inflammatory syndrome in children: a multicentre, retrospective, cohort study. ..." in: **The Lancet. Rheumatology**, Vol. 4, Issue 5, pp. e329-e337, (2022) ([PubMed](#)).

Validation report #103867 for Immunohistochemistry (IHC)

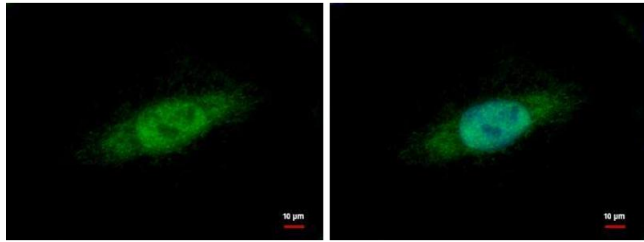


Chromatin Immunoprecipitation

**Image 1.** ChIP Image Cross-linked ChIP was performed with HeLa chromatin extract and 5 µg of either control rabbit IgG or anti-Nuclear Matrix Protein p84 antibody. The precipitated DNA was detected by PCR with primer set targeting to calreticulin.

Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: A549 7.5% SDS PAGE Tho1 antibody antibody diluted at 1:1000



#### Immunofluorescence

**Image 3.** ICC/IF Image Nuclear Matrix Protein p84 antibody [C1C3] detects Nuclear Matrix Protein p84 protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Nuclear Matrix Protein p84 protein stained by Nuclear Matrix Protein p84 antibody [C1C3] , diluted at 1:500. Blue: Hoechst 33342 staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855518.