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Datasheet for ABIN955189

anti-THO Complex 4 antibody (Middle Region)

1 Image

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Overview

Quantity:	0.4 mL
Target:	THO Complex 4 (THOC4)
Binding Specificity:	AA 59-89, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THO Complex 4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 59-89 amino acids from the Central region of human THOC4
Isotype:	Ig Fraction
Specificity:	This antibody detects THOC4 / ALY (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	THO Complex 4 (THOC4)
Alternative Name:	THOC4 / ALY (THOC4 Products)

Target Details

Background: THOC4 is a heat stable, nuclear protein and functions as a molecular chaperone. It is thought to regulate dimerization, DNA binding, and transcriptional activity of basic region-leucine zipper (bZIP) proteins. Synonyms: Ally of AML-1 and LEF-1, BEF, THO complex subunit 4, THO4, Transcriptional coactivator Aly/REF, bZIP-enhancing factor BEF

Gene ID: 10189

NCBI Accession: [NP_005773](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

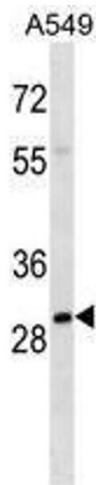
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.

Publications

Product cited in: Souki, Sandri-Goldin: "Arginine methylation of the ICP27 RGG box regulates the functional interactions of ICP27 with SRPK1 and Aly/REF during herpes simplex virus 1 infection." in: **Journal of virology**, Vol. 83, Issue 17, pp. 8970-5, (2009) ([PubMed](#)).

Johnson, Li, Sandri-Goldin: "The cellular RNA export receptor TAP/NXF1 is required for ICP27-mediated export of herpes simplex virus 1 RNA, but the TREX complex adaptor protein Aly/REF appears to be dispensable." in: **Journal of virology**, Vol. 83, Issue 13, pp. 6335-46, (2009) ([PubMed](#)).



Western Blotting

Image 1. THOC4 Antibody (Center) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the THOC4 antibody detected the THOC4 protein (arrow).