Datasheet for ABIN629900

anti-THO Complex 4 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	THO Complex 4 (THOC4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THO Complex 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	THOC4 antibody was raised using the N terminal of THOC4 corresponding to a region with amino acids GGGPIRNRPAIARGAAGGGGRNRPAPYSRPKQLPDKWQHDLFDSGFGGGA
Specificity:	THOC4 antibody was raised against the N terminal of THOC4
Purification:	Purified

Target Details

Target:	THO Complex 4 (THOC4)
Alternative Name:	THOC4 (THOC4 Products)
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.

Target Details

Molecular Weight:	28 kDa (MW of target protein)

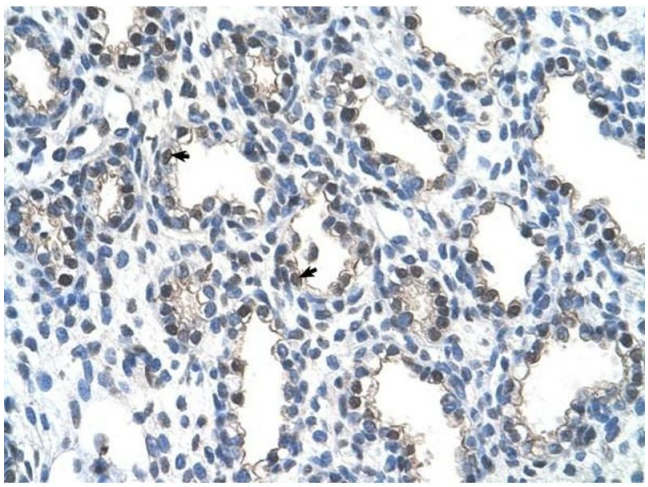
Application Details

Application Notes:	WB: 2.5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	THOC4 Blocking Peptide, catalog no. 33R-3282, is also available for use as a blocking control in assays to test for specificity of this THOC4 antibody
Restrictions:	For Research Use only

Handling

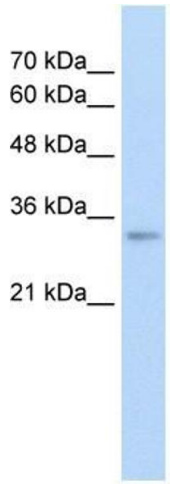
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of THOC4 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Immunohistochemistry

Image 1. THOC4 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Alveolar cells (arrows) in Human Lung. Magnification is at 400X



Western Blotting

Image 2. THOC4 antibody used at 2.5 ug/ml to detect target protein.