

Datasheet for ABIN184968  
**anti-NUP50 antibody (C-Term)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µg
Target:	NUP50
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NUP50 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Npap60 / Nup50
Immunogen:	Peptide with sequence C-ELHKILLEKKDA, from the C Terminus of the protein sequence according to NP_009103.2, NP_705931.1.
Sequence:	ELHKILLEKK DA
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_009103.2, NP_705931.1).
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	NUP50
Alternative Name:	NUP50 ( <a href="#">NUP50 Products</a> )
Background:	NUP50, NPAP60, NPAP60L, MGC39961, DKFZP564A043, nucleoporin 50 kDa, nuclear pore-associated protein 60L, CTA-268H5.7, OTTHUMP00000199530
Gene ID:	10762, 18141
NCBI Accession:	<a href="#">NP_009103</a> , <a href="#">NP_705931</a>
Pathways:	<a href="#">Tube Formation</a>

## Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Uterus shows textured nuclear staining of endometrial cells. Recommended concentration, 2.5-3.8 µg/mL.  Western Blot: Approx 60 kDa band observed in lysates of cell line Jurkat (calculated MW 50.1 kDa according to NP_009103.2). Recommended for use at 0.2-1 µg/mL.  Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

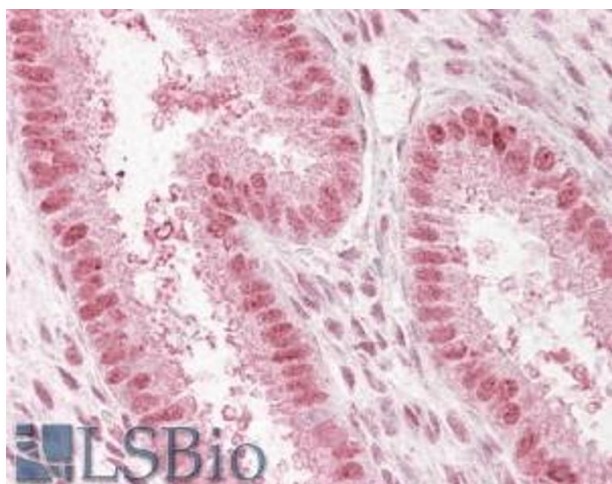
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Publications

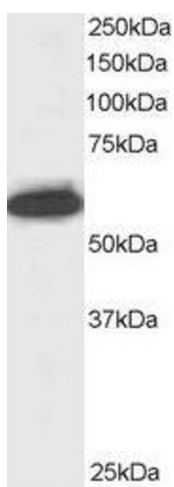
Product cited in: Shitashige, Satow, Honda, Ono, Hirohashi, Yamada: "Regulation of Wnt signaling by the nuclear pore complex." in: **Gastroenterology**, Vol. 134, Issue 7, pp. 1961-71, 1971.e1-4, (2008) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** ABIN184968 (3.8µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Western Blotting

**Image 2.** ABIN184968 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.