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Datasheet for ABIN571271
anti-NEK7 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	NEK7
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NEK7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	NEK7
Immunogen:	C-NTLANFRIEKK
Sequence:	NTLANFRIEK K
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, 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

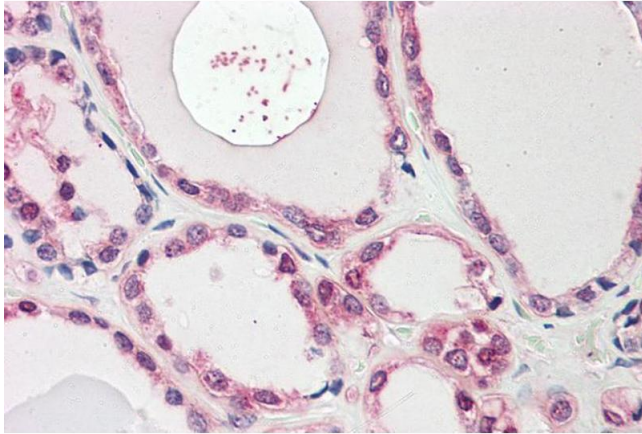
Target:	NEK7
Alternative Name:	NEK7 (NEK7 Products)
Background:	NEK7, NIMA (never in mitosis gene a)-related kinase 7, NIMA-related kinase 7
Gene ID:	140609, 59125, 360850
NCBI Accession:	NP_598001
Pathways:	Inflammasome

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Thyroid. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 35 kDa band observed in lysates of cell line HeLa (calculated MW of 34.6 kDa according to NP_598001.1). Recommended concentration: 0.05-0.2 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

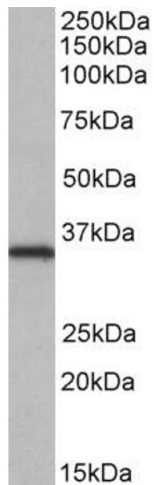
Handling

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.



Immunohistochemistry

Image 1. ABIN571271 (3.75µg/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN571271 (0.05µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.