

Datasheet for ABIN7161631  
**anti-C4orf14 antibody (AA 42-174)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	C4orf14
Binding Specificity:	AA 42-174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C4orf14 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Nitric oxide-associated protein 1 protein (42-174AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	C4orf14
Alternative Name:	NOA1 ( <a href="#">C4orf14 Products</a> )
Background:	Background: Involved in regulation of mitochondrial protein translation and respiration. Plays a role in mitochondria-mediated cell death. May act as a scaffolding protein or stabilizer of

## Target Details

respiratory chain supercomplexes. Binds GTP.

Aliases: NOA1 antibody, C4orf14 antibody, Nitric oxide-associated protein 1 antibody

UniProt: [Q8NC60](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

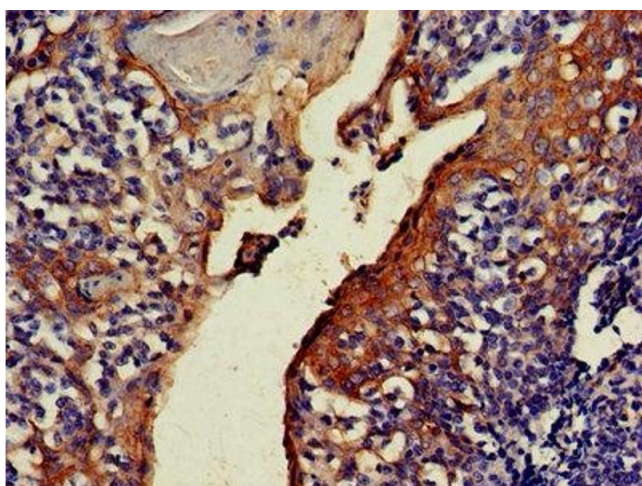
Preservative: ProClin

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

Storage: -20 °C,-80 °C

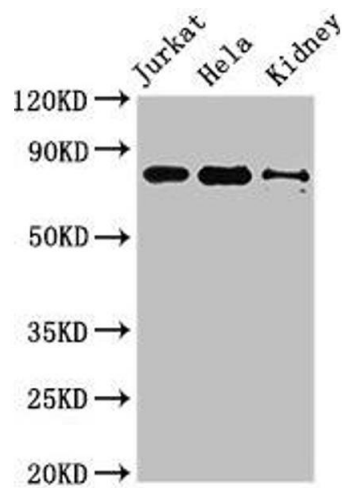
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunohistochemistry

**Image 1.** IHC image of ABIN7161631 diluted at 1:500 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Jurkat whole cell lysate, HeLa whole cell lysate, Mouse kidney tissue All lanes: NOA1 antibody at 3.4  $\mu\text{g/mL}$  Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 79 kDa Observed band size: 79 kDa