

Datasheet for ABIN7149388
anti-NUBP2 antibody (AA 54-170)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	NUBP2
Binding Specificity:	AA 54-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUBP2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cytosolic Fe-S cluster assembly factor NUBP2 protein (54-170AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NUBP2
Alternative Name:	NUBP2 (NUBP2 Products)
Background:	Background: Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NUBP1-NUBP2

Target Details

heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins. Negatively regulates cilium formation and structure.

Aliases: C447E6.1 (nucleotide binding protein 1 (E.coli MinD like)) antibody, CFD1 antibody, Cytosolic Fe-S cluster assembly factor NUBP2 antibody, D17Wsu11e antibody, Homolog of yeast cytosolic FeS cluster deficient 1 antibody, NBP 2 antibody, NUBP1 antibody, Nubp2 antibody, NUBP2_HUMAN antibody, Nucleotide binding protein 2 (E.coli MinD like) antibody, Nucleotide binding protein 2 (MinD homolog, E. coli) antibody, Nucleotide binding protein 2 antibody, Nucleotide-binding protein 2 antibody

UniProt: [Q9Y5Y2](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

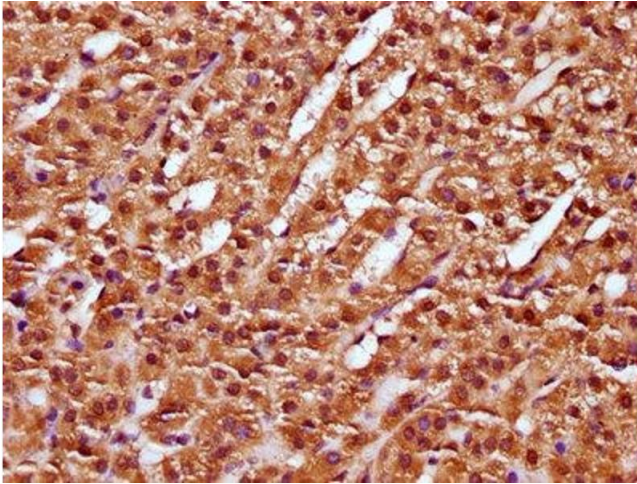
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

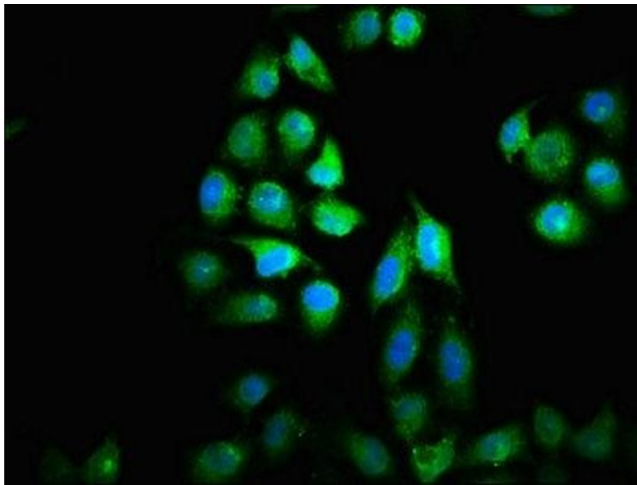
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7149388 diluted at 1:100 and staining in paraffin-embedded human adrenal gland 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.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7149388 at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).