

Datasheet for ABIN2856726
anti-OFD1 antibody (Center)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	OFD1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OFD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human OFD1. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to OFD1 (oral-facial-digital syndrome 1) OFD1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	OFD1
Alternative Name:	OFD1 (OFD1 Products)

Target Details

Background: This gene is located on the X chromosome and encodes a centrosomal protein. A knockout mouse model has been used to study the effect of mutations in this gene. The mouse gene is also located on the X chromosome, however, unlike the human gene it is not subject to X inactivation. Mutations in this gene are associated with oral-facial-digital syndrome type I and Simpson-Golabi-Behmel syndrome type 2. Many pseudogenes have been identified, a single pseudogene is found on chromosome 5 while as many as fifteen have been found on the Y chromosome. Alternatively spliced transcripts have been described for this gene but the biological validity of these transcripts has not been determined.

Cellular Localization: Cytoplasm , Centrosome

Molecular Weight: 117 kDa

Gene ID: 8481

Pathways: [M Phase](#)

Application Details

Application Notes: Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:1000-1:10000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:1000-1:10000*

Comment: Positive Control: Molt-4

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.96 mg/mL

Buffer: 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

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

Storage: -20 °C

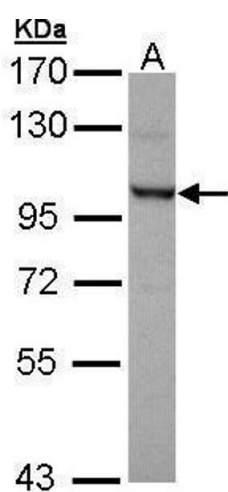
Handling

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

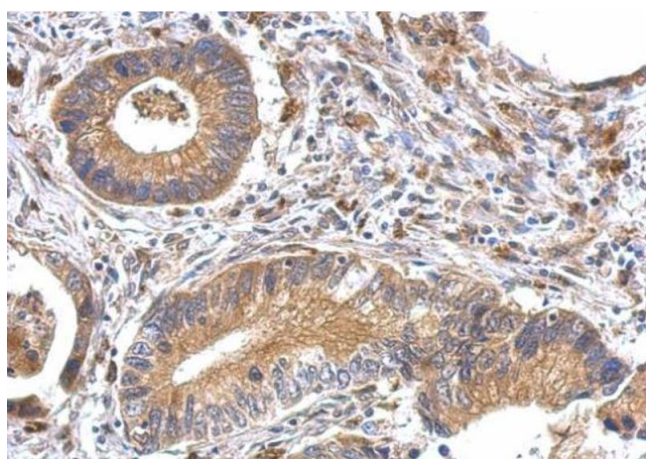
Product cited in: Xu, Zhou, Xiong, Zou, Deng, Ganaie, Kleiboeker, Peng, Liu, Wang, Ye, Qiu: "Parvovirus B19 NS1 protein induces cell cycle arrest at G2-phase by activating the ATR-CDC25C-CDK1 pathway." in: **PLoS pathogens**, Vol. 13, Issue 3, pp. e1006266, (2017) ([PubMed](#)).

Validation report #101746 for Immunofluorescence (IF)



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: Molt-4 , 7.5% SDS PAGE antibody diluted at 1:5000



Immunohistochemistry

Image 2. IHC-P Image OFD1 antibody detects OFD1 protein at cytosol on human gastric cancer by immunohistochemical analysis. Sample: Paraffin-embedded gastric cancer. OFD1 antibody , dilution: 1:500.