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Datasheet for ABIN5647955
anti-NOV antibody (AA 334-357)

4 Images

Overview

Quantity:	100 µg
Target:	NOV
Binding Specificity:	AA 334-357
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 334-357 (HTNCPKNNEAFLQELELKTTRGKM) were used as the immunogen for the CCN3 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	NOV
Alternative Name:	CCN3 / NOV / IGFBP9 (NOV Products)
Background:	NOV (nephroblastoma overexpressed), also known as CCN3, is a matricellular protein that in humans is encoded by the NOV gene. The protein encoded by this gene is a small secreted cysteine-rich protein and a member of the CCN family of regulatory proteins. CNN family

Target Details

proteins associate with the extracellular matrix and play an important role in cardiovascular and skeletal development, fibrosis and cancer development.

UniProt: [P48745](#)

Pathways: [Smooth Muscle Cell Migration](#), [Growth Factor Binding](#)

Application Details

Application Notes: Optimal dilution of the CCN3 antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

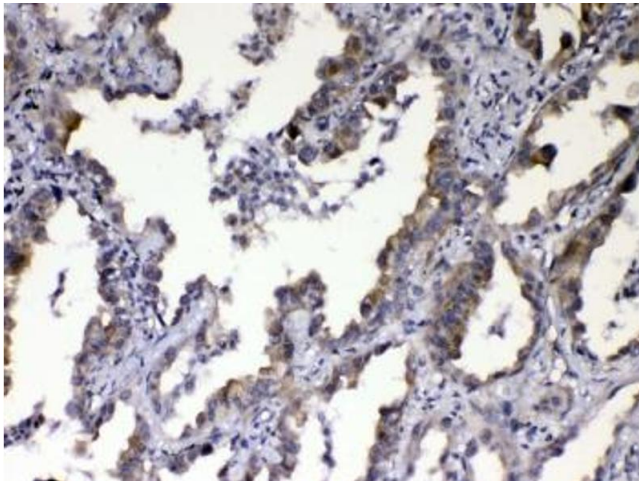
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

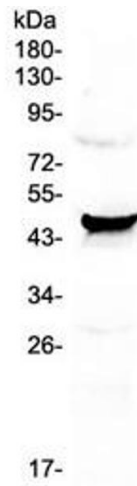
Storage Comment: After reconstitution, the CCN3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



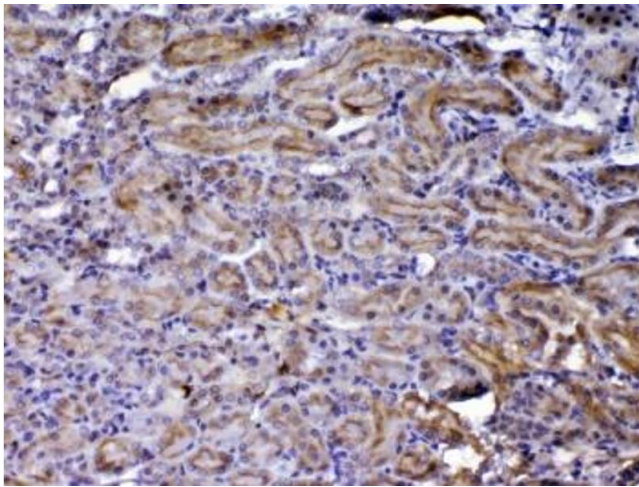
Immunohistochemistry

Image 1. IHC testing of FFPE human lung cancer tissue with CCN3 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western Blotting

Image 2. Western blot testing of human HeLa cell lysate with CCN3 antibody at 0.5ug/ml. Observed molecular weight: ~47 kDa (full), ~35 kDa (cleaved).



Immunohistochemistry

Image 3. IHC testing of FFPE rat kidney tissue with CCN3 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5647955.