

ARG59022 anti-CCN3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CCN3
Tested Reactivity	Hu, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CCN3
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 334-357 of Human CCN3 (HTNCPKNNEAFLQELELKTTRGKM).
Conjugation	Un-conjugated
Alternate Names	Insulin-like growth factor-binding protein 9; Protein NOV homolog; IGFBP-9; NOVh; IBP-9; CCN3; Nephroblastoma-overexpressed gene protein homolog; CCN family member 3; IGF-binding protein 9; IGFBP9; NovH

Application Instructions

Application table	Application	Dilution
	FACS	1:150 - 1:500
	ICC/IF	1:200 - 1:1000
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml

Application Note IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

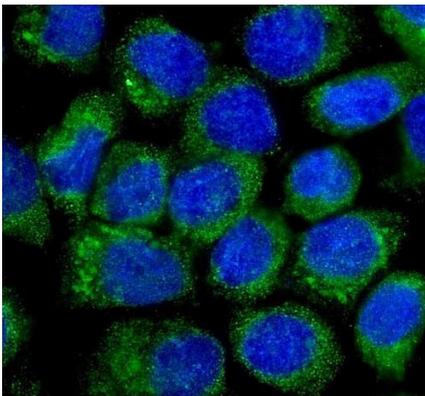
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

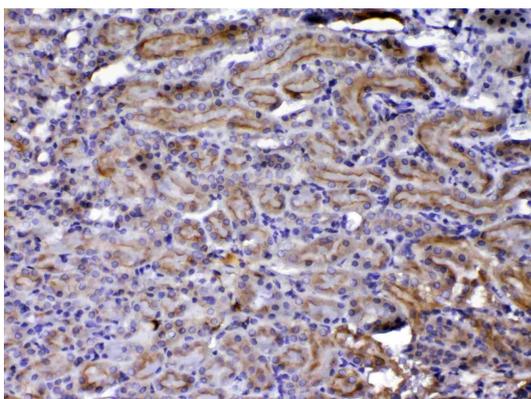
Gene Symbol	NOV
Gene Full Name	nephroblastoma overexpressed
Background	The protein encoded by this gene is a small secreted cysteine-rich protein and a member of the CCN family of regulatory proteins. CNN family proteins associate with the extracellular matrix and play an important role in cardiovascular and skeletal development, fibrosis and cancer development. [provided by RefSeq, Feb 2009]
Function	Immediate-early protein likely to play a role in cell growth regulation. [UniProt]
Calculated Mw	39 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG59022 anti-CCN3 antibody ICC/IF image

Immunofluorescence: A431 cells were blocked with 10% goat serum and then stained with ARG59022 anti-CCN3 antibody (green) at 2 µg/ml dilution, overnight at 4°C. DAPI (blue) for nuclear staining.



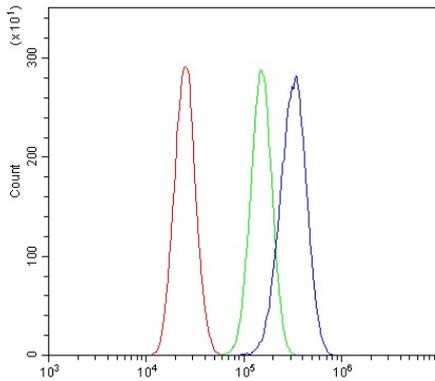
ARG59022 anti-CCN3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat kidney tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59022 anti-CCN3 antibody at 1 µg/ml dilution, overnight at 4°C.



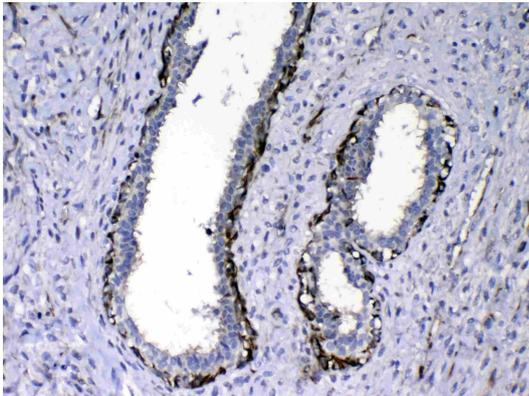
ARG59022 anti-CCN3 antibody WB image

Western blot: 50 μg of samples under reducing condition. HeLa cell lysate stained with ARG59022 anti-CCN3 antibody at 0.5 $\mu\text{g}/\text{ml}$, overnight at 4°C.



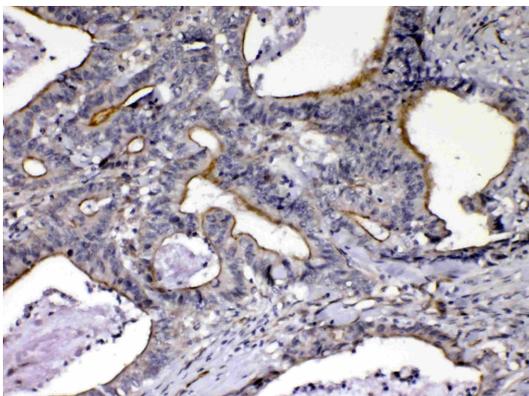
ARG59022 anti-CCN3 antibody FACS image

Flow Cytometry: U87 cells were blocked with 10% normal goat serum and then stained with ARG59022 anti-CCN3 antibody (blue) at 1 $\mu\text{g}/10^6$ cells for 30 min at 20°C, followed by incubation with DyLight®488 labelled secondary antibody. Isotype control antibody (green) was rabbit IgG (1 $\mu\text{g}/10^6$ cells) used under the same conditions. Unlabelled sample (red) was also used as a control.



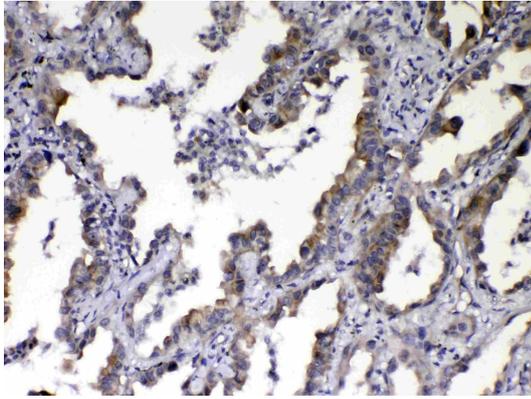
ARG59022 anti-CCN3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59022 anti-CCN3 antibody at 1 $\mu\text{g}/\text{ml}$ dilution, overnight at 4°C.



ARG59022 anti-CCN3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human intestinal cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59022 anti-CCN3 antibody at 1 $\mu\text{g}/\text{ml}$ dilution, overnight at 4°C.



ARG59022 anti-CCN3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59022 anti-CCN3 antibody at 1 μ g/ml dilution, overnight at 4°C.