

Product datasheet for **AP01154PU-N**

CCN3 (NOV) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Indirect ELISA: To detect hNOV by (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antibody in conjunction with compatible secondary reagents, it allows the detection of at least 0.2-0.4 ng/well of recombinant hNOV. Sandwich ELISA: To detect hNOV (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. In conjunction with Biotinylated Anti-Human NOV (AP01154BT-S or AP01154BT-N) as a detection antibody, it allows the detection of at least 0.2-0.4 ng/well of recombinant hNOV. Western blot: To detect hNOV this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNOV is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Immunohistochemistry on Formalin-Fixed, Paraffin Sections: 0.25-0.50 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 Sodium Citrate buffer is recommended. <i>Positive Control:</i> Human breast invasive ductal carcinoma.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98%) recombinant Human NOV
Specificity:	This antibody detects NOV.
Formulation:	PBS, pH 7.2 State: Aff - Purified State: Lyophilized (sterile filtered) Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated



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Storage:	Store the lyophilized antibody at -20°C. Following reconstitution it is stable for two weeks at 2-8°C. Frozen aliquots are stable for 6 months when stored at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Database Link:	Entrez Gene 4856 Human P48745
Background:	CCN3 is a cysteine-rich protein that is overexpressed in avian nephroblastomas. It is a member of the CCN family of proteins that includes CTGF. These proteins are encoded by a group of genes known as immediate-early genes, so named because they are expressed after induction by growth factors or certain oncogenes. The proteins share several common structural motifs: a consensus sequence present in IGF (insulin-like growth factor)-binding proteins (the IGFBP motif), an oligomeric complex-forming domain first identified in von Willebrand factor, a binding domain to soluble and matrix molecules and a dimerization (CT) domain. All CCN family members are thought to be involved in the control of cell proliferation.
Synonyms:	CCN3, IGFBP9, NOVH, NovH
Note:	Centrifuge vial prior to opening.