

# Rabbit anti-Mouse, Rat Nephroblastoma Overexpressed Gene Polyclonal Antibody | anti-NOV antibody

Polyclonal Antibody to Nephroblastoma Overexpressed Gene (NOV)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA141654 | Rabbit | Mouse, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

## PRODUCT SYNONYMS

Nephroblastoma Overexpressed Gene; Polyclonal Antibody; Polyclonal Antibody to Nephroblastoma Overexpressed Gene (NOV); anti-NOV antibody

## PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                    | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                   |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity                                   | The antibody is a rabbit polyclonal antibody raised against NOV. It has been selected for its ability to recognize NOV in immunohistochemical staining and western blotting.                                                                                                                                                                                                                 |
| Purity/Purification                           | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                      |
| Form/Format                                   | Liquid                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration                                 | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence                                      | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-AVPGECCE KWTCGSEEKG TLGGLALPAY<br>RPEATVGVEL SDSSINCIEQ TTEWSACSKS CGMGLSTRVT NRNLQCEMVK QTRLCMVRPC EQEPGEATDM<br>KGKKCLRTKK SLKSIHLQFK NCTSLYTYKP RFCGICSDGR CCTPFNTKTI QVEFQCLPGQ IIKKPVMVIG<br>TCTCHSNCPQ NNEAFLQELE LKTSRGE |
| Sequence Length                               | 357                                                                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-NOV antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                              |
| Fragment                                      | NOV (Ala156~Met351)                                                                                                                                                                                                                                                                                                                                                                          |
| Organism Species                              | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                      |
| Cross Reactivity                              | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugate                                     | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                     | Recombinant NOV (Ala156~Met351) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                        |
| Conjugated Antibody                           | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                       | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                |

IMAGES



**IHC (Immunohistochemistry)**  
DAB staining on fromalin fixed paraffin- embedded Kidney tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**  
Western Blot: Sample: Rat Serum; Primary Ab: 2ug/ml Rabbit Anti-Rat NOV Antibody Second  
Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 13540697                     |
| NCBI GeneID                      | 81526                        |
| NCBI Accession #                 | NP_110495.1                  |
| NCBI GenBank Nucleotide #        | NM_030868.2                  |
| UniProt Accession #              | Q9QZQ5                       |
| Molecular Weight                 | 38,510 Da                    |
| NCBI Official Full Name          | protein NOV homolog          |
| NCBI Official Synonym Full Names | nephroblastoma overexpressed |
| NCBI Official Symbol             | Nov                          |
| NCBI Protein Information         | protein NOV homolog          |
| UniProt Protein Name             | Protein NOV homolog          |
| UniProt Gene Name                | <b>Nov</b>                   |
| UniProt Synonym Gene Names       | Ccn3; NovH                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.