Anti-NOV polyclonal antibody [Biotin] (DPABY-490)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	NOV belongs to the CCN (CTGF/CYR61/NOV) family of secreted proteins that share a common multimodular organization. Each protein contains an IGFBP domain, a von Willebrand factor type C domain, a thrombospondin type I domain and a cysteine knot domain. NOV interacts with several proteins and is involved in both internal and external cell signaling.
Specificity	Detects human NOV/CCN3in ELISAs and Western blots. In sandwich immunoassays, approximately 7% cross-reactivity with recombinant mouse NOV is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human NOV/CCN3. Thr32-Met357 Accession Number P48745
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	NOV nephroblastoma overexpressed [Homo sapiens (human)]
Official Symbol	NOV
Synonyms	NOV; nephroblastoma overexpressed; CCN3; NOVh; IBP-9; IGFBP9; IGFBP-9; protein NOV homolog; CCN family member 3; IGF-binding protein 9; insulin-like growth factor-binding protein 9; nephroblastoma-overexpressed gene protein homolog;
Entrez Gene ID	4856
Protein Refseq	NP_002505
UniProt ID	A0A024R9J4
Chromosome Location	8q24.1
Pathway	Delta-Notch Signaling Pathway;
Function	growth factor activity; insulin-like growth factor binding;