Datasheet for ABIN5687599

anti-Neuropilin 1 antibody (Biotin)

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Overview

Quantity:	0.05 mg
Target:	Neuropilin 1 (NRP1)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Neuropilin 1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hNP-1 (Human NP-1).
Purification:	Anti-hNP-1 specific antibody was purified by affinity chromatography and then biotinylated.

Target Details

Target:	Neuropilin 1 (NRP1)
Alternative Name:	NP-1 (NRP1 Products)
Gene ID:	1667
UniProt:	P59665
Pathways:	Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals

Application Details

Application Notes:	ELISA: To detect hNP-1 by direct ELISA (using 100 µ,L/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µ,g/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hNP-1. Sandwich: To detect hNP-1 by sandwich ELISA (using 100 µ,L/well antibody solution) a concentration of 0.25 - 1.0 µ,g/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our Polyclonal Anti-Human NP-1 (XP-5247) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNP-1. Western Blot: To detect hNP-1 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µ,g/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	-20 °C
Storage Comment:	NP-1 antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.