

Size	Price
50 µl of serum	Contact us

Polyclonal guinea pig anti-human NPP1 antibodies

Name: hNPP1-1_C(I₄,I₅,I₆); hNPP1-2_C(I₄,I₅,I₆); hNPP1-3_C(I₄,I₅,I₆)

Applications¹

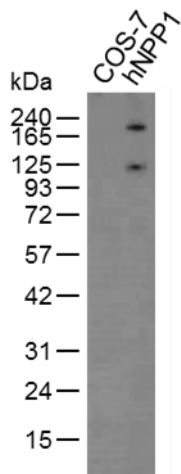
	Yes	Dilution	No	Not tested
Western blot (non-reduced)	+	1:500		
Western blot (reduced)				×
Immunocytochemistry*	+	1:500		
Flow cytometry				×
ELISA				×
Immunoprecipitation				×

* Acetone fixation

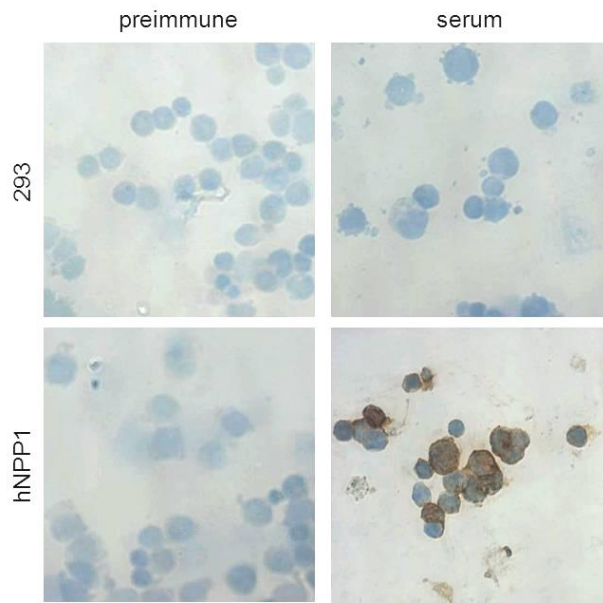
Cross-reactivity

Not tested

Western blot¹



Protein samples (9 µg) from a lysate from COS-7 cells or COS-7 transiently transfected with a plasmid encoding for human NPP1 (hNPP1) were loaded on a NuPAGE® Novex® Bis-Tris 4-12% gel under non-reducing conditions, transferred to an Immobilon-P membrane and incubated with hNPP1-2_CI₆. A specific band is detected only in the sample from cells expressing human NPP1.

Immunocytochemistry¹

Immunocytochemistry of untransfected HEK 293 cells (293) or transfected with a plasmid encoding human NPP1 both incubated with hNPP1-3_cI₆ or preimmune serum. A signal is observed only with the antiserum in cells expressing human NPP1. No signal is detected in any of the control cells.

Nuclei are stained with hematoxylin (blue).

Storage

To avoid excessive freeze-thaw cycles, a small amount can be kept at 4°C for generally up to one year. A better method consists to dilute the antibody 10 times in one part of 145 mM NaCl, 1% BSA, 10 mM Tris (pH 7.4), and one part of glycerol (for a final concentration of 50% v/v) and to keep it at -20°C (note that 50% glycerol solutions freeze at about -30°C). For long-term storage, freeze samples directly at -80°C.