

Size	Price
50 µl of serum	Contact us

Polyclonal guinea pig anti-human NPP3 antibodies

Name: hNPP3-4_C(I₅,I₆); hNPP3-5_C(I₅,I₆); hNPP3-6_C(I₅,I₆)

Applications¹

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

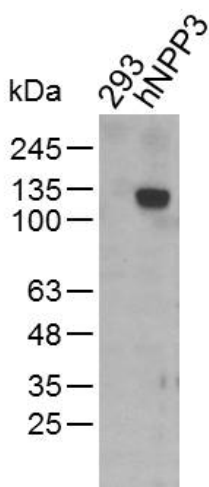
§ Thiol-reactive reagents (e.g. β-mercaptoethanol, DTT) must be avoided as they destroy the epitope recognized by the antibody.

* Cryosection and acetone fixation

Cross-reactivity

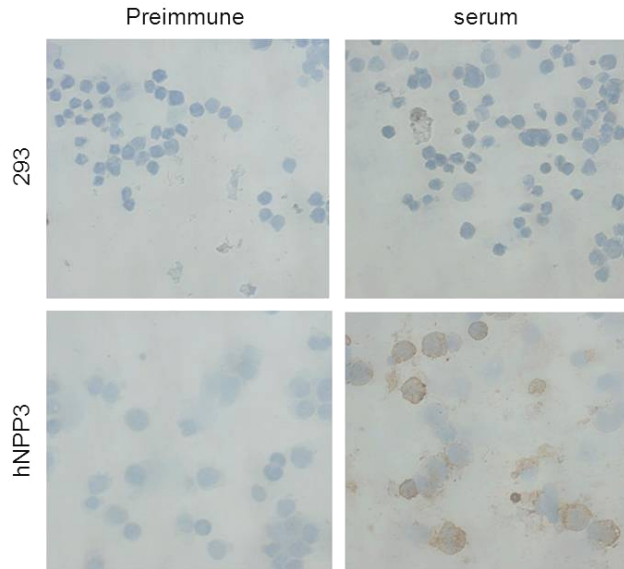
Not tested

Western blot¹



Protein samples (10 µg) from a lysate from HEK 293 cells or HEK 293 transiently transfected with a plasmid encoding for human NPP3 (hNPP3) were loaded on a NuPAGE® Novex® Bis-Tris 4-12% gel under non-reducing conditions, transferred to an Immobilon-P membrane and incubated with hNPP3-5_CI₆. A specific band is detected only in the sample from cells expressing human NPP3.

Immunocytochemistry¹



Immunocytochemistry of untransfected HEK 293 cells or transfected with a plasmid encoding human NPP3 both incubated with hNPP3-4_CI₆, or preimmune serum. A signal is observed only with the antiserum in cells expressing human NPP3. 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.