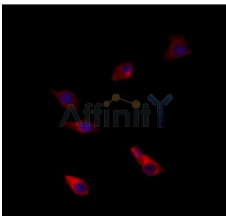


## NPPB Ab

[References\(4\)](#) [Images\(6\)](#)

Cat.#: DF6902	Concn.: ~1mg/ml	Mol.Wt.: 15kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human NPPB, corresponding to a region within the internal amino acids.	
Uniprot:	P16860	
Description:	B-type natriuretic peptide (BNP) is a cardiac neurohormone specifically secreted from the ventricles in response to volume expansion and pressure overload . The actions of BNP include natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is also found to help restore the body's salt and water balance and improve heart function . BNP is co-secreted along with a biologically inactive N-terminal fragment (NT-proBNP). Circulating BNP and NT-proBNP provide important information on cardiac dysfunction, hypervolemia, and risk in patients with severe impairment of kidney function .	



DF6902 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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