

**DATASHEET**

**NPR2 Rabbit Polyclonal Antibody**

CAT. NO. APA16322

**KEY FEATURES**

Target	NPR2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Receptor for the C-type natriuretic peptide NPPC/CNP hormone. Has guanylate cyclase activity upon binding of its ligand. May play a role in the regulation of skeletal growth.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

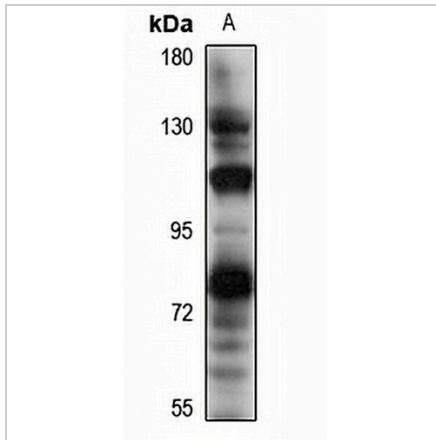
Description	Rabbit polyclonal antibody to NPR2
Specificity	Recognizes endogenous levels of NPR2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NPR2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 111; Observed: 117 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ANPRB; Atrial natriuretic peptide receptor 2; Atrial natriuretic peptide receptor type B; ANP-B; ANPR-B; NPR-B; Guanylate cyclase B; GC-B
Gene Symbol	NPR2
Entrez Gene	4882(Human); 230103(Mouse); 116564(Rat)
SwissProt	P20594(Human); Q6VWV5(Mouse); P16067(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of NPR2 expression in HEK293T (A) whole cell lysates. (Predicted band size: 111; 117 kD; Observed band size: 117 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.