Datasheet for ABIN679778

anti-NPR2 antibody (AA 101-200)

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Overview

Quantity:	100 µL
Target:	NPR2
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPR2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NPR-B
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	NPR2

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Target Details

Alternative Name:	NPR-B (NPR2 Products)
Background:	Synonyms: AMDM, ANPb, ECDM, NPRB, ANPRB, GUC2B, NPRBi, GUCY2B, Atrial natriuretic peptide receptor 2, Atrial natriuretic peptide receptor type B, ANP-B, ANPR-B, NPR-B, Guanylate cyclase B, GC-B, NPR2 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.
Gene ID:	4882
UniProt:	P20594

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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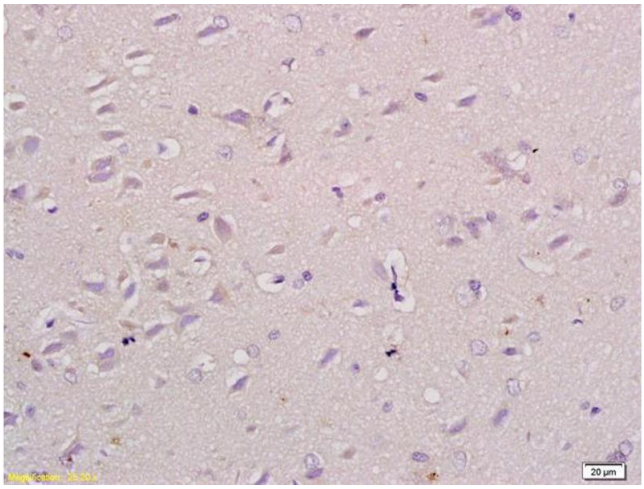
Publications

Product cited in: Li, Tang, Cai, Qiu, Lin, Zhu, Owusu, Guo: "CNP signal pathway up-regulated in rectum of depressed rats and the interventional effect of Xiaoyaosan." in: **World journal of gastroenterology : WJG**, Vol. 21, Issue 5, pp. 1518-30, (2015) (PubMed).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-NPRB/Natriuretic Peptide Receptor B Polyclonal Antibody, Unconjugated (ABIN679778) at 1:200 followed by conjugation to the secondary antibody

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