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Datasheet for ABIN908796

anti-NPR1 antibody (AA 261-360) (HRP)

Overview

Quantity:	100 µL
Target:	NPR1
Binding Specificity:	AA 261-360
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPR1 antibody is conjugated to HRP
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Natriuretic Peptide Receptor A
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

Target Details

Target:	NPR1
Alternative Name:	Natriuretic Peptide Receptor A (NPR1 Products)

Target Details

Background: Synonyms: NPRA, ANP A, ANP-A, ANPa, ANPR-A, ANPRA, ANPRA_HUMAN, Atrial natriuretic peptide A type receptor, Atrial natriuretic peptide receptor 1, Atrial natriuretic peptide receptor A, Atrial natriuretic peptide receptor type A, Atrionatriuretic peptide receptor A, GC A, GC-A, Guanylate cyclase A, Guanylate cyclase, GUC2A, GUCY2A, Natriuretic peptide A type receptor, Natriuretic peptide receptor A/guanylate cyclase A, NPR 1, NPR A, NPR-A, NPR1, NPRA.
Background: Receptor for the atrial natriuretic peptide NPPA/ANP and the brain natriuretic peptide NPPB/BNP which are potent vasoactive hormones playing a key role in cardiovascular homeostasis. Has guanylate cyclase activity upon binding of the ligand.

Gene ID: 4881

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months
