Datasheet for ABIN6244273

anti-NPR3 antibody (AA 200-420)

1 Image

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Overview

Quantity:	200 µL
Target:	NPR3
Binding Specificity:	AA 200-420
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NPR3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Natriuretic Peptide Receptor C antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 200-420 amino acids from the human region of human Natriuretic Peptide Receptor C.
Clone:	1748CT403-18-42
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	NPR3
Alternative Name:	Natriuretic Peptide Receptor C (NPR3 Products)

Target Details

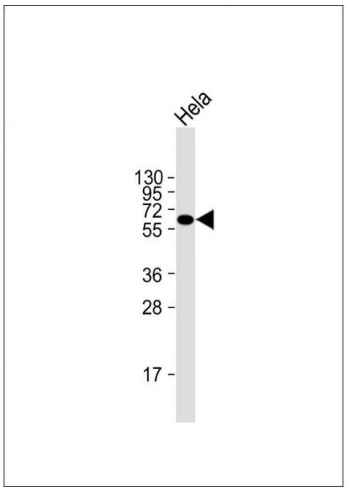
Background:	Receptor for the natriuretic peptide hormones, binding with similar affinities atrial natriuretic peptide NPPA/ANP, brain natriuretic peptide NPPB/BNP, and C-type natriuretic peptide NPPC/CNP. May function as a clearance receptor for NPPA, NPPB and NPPC, regulating their local concentrations and effects. May regulate diuresis, blood pressure and skeletal development. Does not have guanylate cyclase activity.
Molecular Weight:	59808
UniProt:	P17342
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. Anti-Natriuretic Peptide Receptor C Antibody at 1:2000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 60 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.