



Anti-NPR3 (aa 42-140) polyclonal antibody (DPAB-DC2050)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes one of three natriuretic peptide receptors. Natriuretic peptides are small peptides which regulate blood volume and pressure, pulmonary hypertension, and cardiac function as well as some metabolic and growth processes. The product of this gene encodes a natriuretic peptide receptor responsible for clearing circulating and extracellular natriuretic peptides through endocytosis of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Feb 2011]
Immunogen	NPR3 (NP_000899, 42 a.a. ~ 140 a.a) partial recombinant protein with GST tag. The sequence is RQEREALPPQKIEVLVLLPQDDSYLFLTRVRPAIEYALRSVEGNGTGRRLLPPGTRFQV AYEDSDCGNRALFSLVDRVAAARGAKPDLILGPVCEYAA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NPR3 natriuretic peptide receptor 3 [Homo sapiens (human)]
Official Symbol	NPR3
Synonyms	NPR3; natriuretic peptide receptor 3; NPRC; ANP-C; ANPRC; NPR-C; ANPR-C; GUCY2B; C5orf23; atrial natriuretic peptide receptor 3; guanylate cyclase C; atrionatriuretic peptide receptor C; atrial natriuretic peptide receptor type C; atrial natriuretic peptide clearance receptor; natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C);
Entrez Gene ID	4883
Protein Refseq	NP_000899
UniProt ID	P17342
Chromosome Location	5p13.3
Function	G-protein coupled peptide receptor activity; hormone binding; natriuretic peptide receptor activity; peptide hormone binding