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anti-Endothelin 2 antibody (AA 49-59)



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Quantity:	100 μL
Target:	Endothelin 2 (EDN2)
Binding Specificity:	AA 49-59
Reactivity:	Cat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endothelin 2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Endolin 2
Isotype:	IgG
Cross-Reactivity:	Cat
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Cat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target: Endothelin 2 (EDN2)

Target Details

Alternative Name:	ET-2/Endothelin 2 (EDN2 Products)
Background:	Synonyms: EDN2, EDN2_HUMAN, Endothelin 2, Endothelin-2, ET 2, ET-2, ET2, PPET2,
	Preproendothelin 2, Preproendothelin-2.
	Background: The endothelin (ET) family of proteins, which includes ET-1 (endothelin-1), ET-2
	(endothelin-2) and ET-3 (endothelin-3), are vasoactive peptides that are involved in various
	functions throughout the body. Endothelins can affect the central nervous system and neurona
	excitability, and they elicit potent vasoconstrictor action. While ET-1 is a potent, 21-amino acid
	vasoconstrictor peptide, ET-2 has the most potent vasoconstrictor activity. ET-3 functions as a
	ligand for endothelin receptor type B (ETBR) and, through this interaction, mediates the
	maturation of enteric neurons and melanocytes. Although ET-3 is expressed as a 238 amino
	acid peptide, it is post-translationally modified to produce a short active isoform and a long
	inactive isoform. Defects in the gene encoding ET-3 are the cause of a variety of disorders,
	including Hirschsprung disease type 1 (HSCR1), congenital central hypoventilation syndrome
	(CCHS) and Waardenburg syndrome type IV (WS4).
Pathways:	Hormone Activity, Negative Regulation of Hormone Secretion, Regulation of Systemic Arterial
	Blood Pressure by Hormones
Application Dataila	
Application Details	
Application Notes:	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

Handling

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