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# anti-Endothelin 2 antibody (AA 49-59) (Biotin)



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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 conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffinembedded 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)
Alternative Name:	ET-2/Endothelin 2 (EDN2 Products)

## **Target Details**

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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 neuronal		
	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 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.		
Storage:	-20 °C		
Storage Comment:	Store at -20°C for 12 months.		
Expiry Date:	12 months		