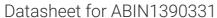
# antibodies .- online.com





# anti-Endothelin 2 antibody (AA 49-59) (Alexa Fluor 555)



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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 Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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**

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:	IF(IHC-P) 1:50-200			
	IF(IHC-F) 1:50-200			
	IF(ICC) 1:50-200			
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.			

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Expiry Date:

12 months