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anti-Endothelin 3 antibody



Images



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Quantity:	200 μL
Target:	Endothelin 3 (EDN3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endothelin 3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human EDN3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Endothelin 3 (EDN3)	
Alternative Name:	EDN3 (EDN3 Products)	
Background:	The protein encoded by this gene is a member of the endothelin family. Endothelins are	
	endothelium-derived vasoactive peptides involved in a variety of biological functions. The active	
	form of this protein is a 21 amino acid peptide processed from the precursor protein. The active	
	peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin	

Target Details

with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells.

UniProt: P14138

Pathways: Hormone Transport, Negative Regulation of Hormone Secretion, Regulation of Systemic Arterial

Blood Pressure by Hormones

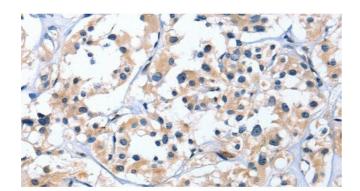
Application Details

Application Notes: IHC 1:25-1:100

Restrictions: For Research Use only

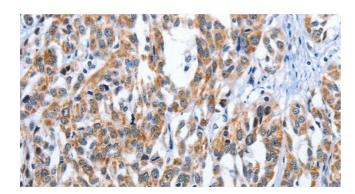
Handling

Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4	
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:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using EDN3 Polyclonal Antibody at dilution 1:30



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using EDN3 Polyclonal Antibody at dilution 1:30