antibodies - online.com







anti-Endothelin 3 antibody (AA 17-187)



Image

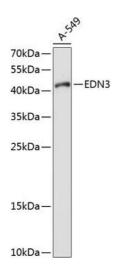


()	ve	K\ /		
	\cup	1 V/	Щ.	V۷

Quantity:	100 μL	
Target:	Endothelin 3 (EDN3)	
Binding Specificity:	AA 17-187	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Endothelin 3 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 17-187 of human EDN3 (NP_996917.1).	
Sequence:	AGFVPCSQSG DAGRRGVSQA PTAARSEGDC EETVAGPGEE TVAGPGEGTV APTALQGPSP GSPGQEQAAE GAPEHHRSRR CTCFTYKDKE CVYYCHLDII WINTPEQTVP YGLSNYRGSF RGKRSAGPLP GNLQLSHRPH LRCACVGRYD KACLHFCTQT LDVSSNSRTA E	
Isotype:	IgG	
Cross-Reactivity:	Human	
Characteristics:	Polyclonal Antibodies	
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	
	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. Altered expression of this gene is implicated in	
	tumorigenesis. Alternative splicing results in multiple transcript variants encoding different	
	isoforms.,EDN3,ET-3,ET3,HSCR4,PPET3,WS4B,Cancer,Invasion and Metastasis,Signal	
	Transduction, Neuroscience, EDN3	
Molecular Weight:	23 kDa/25 kDa	
Gene ID:	1908	
UniProt:	P14138	
Pathways:	Hormone Transport, Negative Regulation of Hormone Secretion, Regulation of Systemic Arterial	
	Blood Pressure by Hormones	
Application Details		
Application Notes:	WB,1:500 - 1:2000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
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.	



Western Blotting

Image 1. Western blot analysis of extracts of A-549 cells, using EDN3 antibody (ABIN6127870, ABIN6139934, ABIN6139936 and ABIN6214707) at 1:1000 dilution._Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution._Lysates/proteins: 25 µg per lane._Blocking buffer: 3 % nonfat dry milk in TBST._Detection: ECL Enhanced Kit (RM00021)._Exposure time: 20s.