antibodies -online.com





anti-Endothelin-1 Receptor antibody (AA 132-162)

3 Images



Go to Product page

Ovarviaw				
()\ (\c) \ (\c) \ (\c) \ (\c)	$\overline{}$			
	/ h	10K	110	1 A I

Overview	
Quantity:	0.4 mL
Target:	Endothelin-1 Receptor (EDNRA)
Binding Specificity:	AA 132-162
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide selected between aa 132-162 amino acids from the Center region of Human EDNRA
Specificity:	This antibody detects Human Endothelin A receptor at Center. Other species not tested.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Target Details	
Target:	Endothelin-1 Receptor (EDNRA)
Alternative Name:	Endothelin A Receptor (EDNRA Products)
Background:	EDNRA is a receptor for endothelin-1. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Function: Receptor for endothelin-1. Mediates its action by association with G proteins that activate a

phosphatidylinositol- calcium second messenger system. The rank order of binding affinities
for ET-A is: ET1 > ET2 >> ET3 Cellular Location: Cell membrane, Multi-pass membrane protein.
Tissue Location: Isoform 1, isoform 3 and isoform 4 are expressed in a variety of tissues, with
highest levels in the aorta and cerebellum, followed by lung, atrium and cerebral cortex, lower
levels in the placenta, kidney, adrenal gland, duodenum, colon, ventricle and liver but no
expression in umbilical vein endothelial cells. Within the placenta, isoform 1, isoform 2, isoform
3 and isoform 4 are expressed in the villi and stem villi vessels. Synonyms: EDNRA, ET-A, ETA,
ETA-R, ETRA, Endothelin-1 receptor, endothelin receptor type A, hET-AR

Molecular Weight:	48722 Da
Gene ID:	1909
NCBI Accession:	NP_001948
UniProt:	P25101
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000. Flow cytometry.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

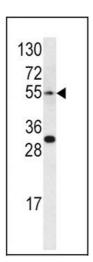


Image 1.

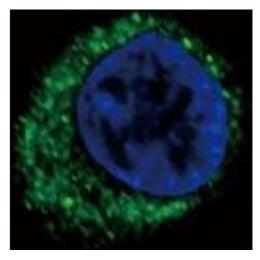


Image 2.

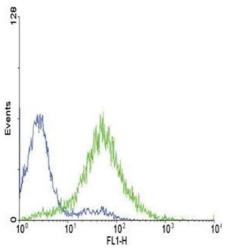


Image 3.