



ET-1 Polyclonal Antibody

Catalog No	YP-Ab-15988
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	EDN1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human EDN1. AA range:131-180
Specificity	ET-1 Polyclonal Antibody detects endogenous levels of ET-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p: 100-300.WB: 1/500 - 1/2000. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EDN1;Big endothelin-1;Endothelin-1;ET 1 Big endothelin 1;ET1;ET-1; Preproendothelin-1;PPET1
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Secreted.
Tissue Specificity	Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.
Function	function:Endothelins are endothelium-derived vasoconstrictor peptides.,online information:Endothelin entry,similarity:Belongs to the endothelin/sarafotoxin family.,tissue specificity:Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.,
Background	This gene encodes a preproprotein that is proteolytically processed to generate a secreted peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple



transcript variants. [provided by RefSeq, Oct 2015],

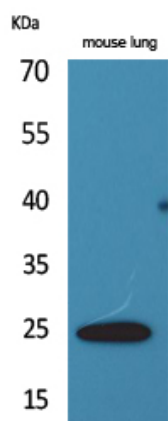
matters needing attention

Avoid repeated freezing and thawing!

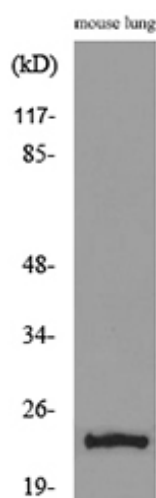
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

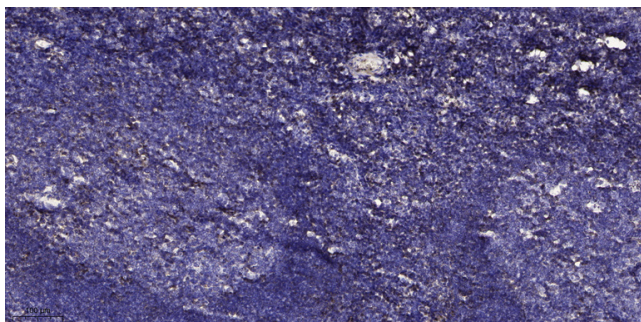
Products Images



Western Blot analysis of mouse lung cells using ET-1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from mouse lung, using EDN1 Antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).