



# ET-1 Polyclonal Antibody

<b>Catalog No</b>	BYab-15988
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	EDN1
<b>Protein Name</b>	Endothelin-1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human EDN1. AA range:131-180
<b>Specificity</b>	ET-1 Polyclonal Antibody detects endogenous levels of ET-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC-p: 100-300.WB: 1/500 - 1/2000. ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	EDN1; Endothelin-1; Preproendothelin-1; PPET1
<b>Observed Band</b>	25kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.
<b>Function</b>	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.,
<b>Background</b>	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],

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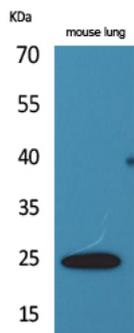
**matters needing attention**

Avoid repeated freezing and thawing!

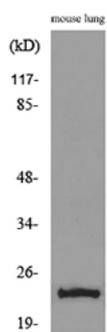
**Usage suggestions**

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

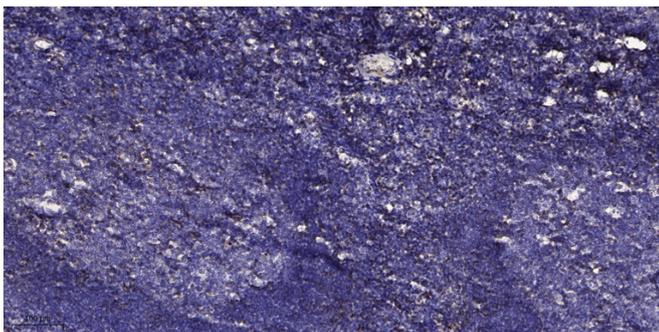
## Products Images



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).

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