Endothelin 1 Rabbit Polyclonal Antibody

CAB0686

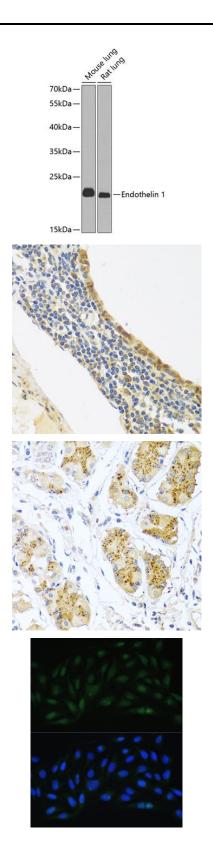


Product Information Size:	Protein Background This gene encodes a preproprotein that is proteolytically processed to generate a secreted
20uL, 50uL, 100uL, 200uL	peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary
Observed MW:	arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple transcript variants.
24kDa	
Calculated MW:	Immunogen information
24kDa	Gene ID: 1906
Applications:	
WB IHC IF	Uniprot P05305
Reactivity:	
Human, Mouse, Rat	Synonyms: EDN1; ARCND3; ET1; HDLCQ7; PPET1; QME; endothelin-1
Antibody Information	
Recommended dilutions: WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100	Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 18-212 of human Endothelin 1 (NP_001946.3).
Source:	Cham and
Rabbit	Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
lsotype:	

lgG

Purification: Affinity purification

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Western blot analysis of extracts of various cell lines, using Endothelin 1 antibody (CAB0686) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunohistochemistry of paraffin-embedded human lung cancer using Endothelin 1 antibody (CAB0686) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human stomach using Endothelin 1 antibody (CAB0686) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of U-2 OS cells using Endothelin 1 antibody (CAB0686) at dilution of 1:100. Blue: DAPI for nuclear staining.