

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10727**Specification**

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	P25101
Reactivity	Human, Mouse, Rabbit, Pig, Sheep, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa
Dilution	IHC-P~~N/A

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) - Additional Information**Gene ID** 1909**Other Names**

Endothelin-1 receptor, Endothelin A receptor, ET-A, ETA-R, hET-AR, EDNRA, ETA, ETRA

Target/Specificity

Human Endothelin A Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) - Protein Information**Name** EDNRA ([HGNC:3179](#))**Synonyms** ETA, ETRA**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.

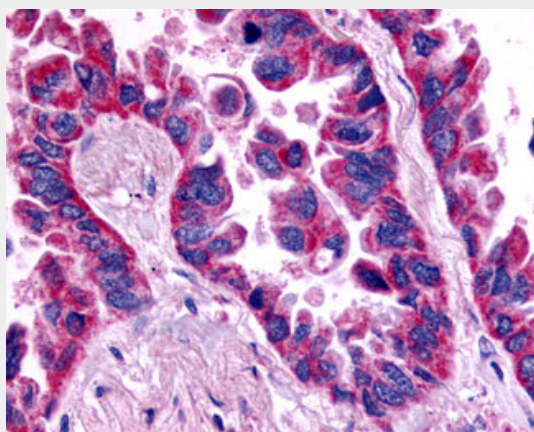
Volume

50 µl

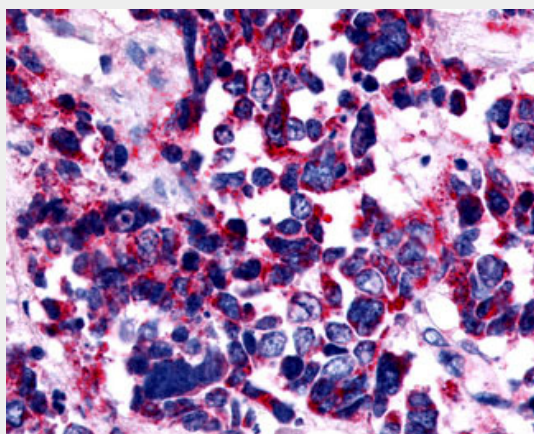
EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

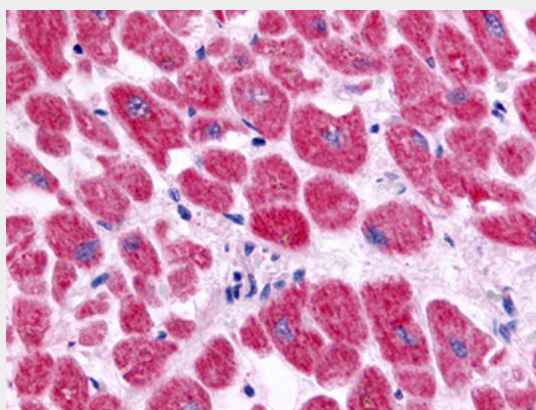
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) - Images

Anti-EDNRA / Endothelin A Receptor antibody IHC of human Lung, Adenocarcinoma.



Anti-EDNRA / Endothelin A Receptor antibody IHC of human Lung, Small Cell Carcinoma.



Anti-Endothelin A Receptor antibody ALS10727 IHC of human heart, cardiac myocytes.

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) - Background

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.

EDNRA / Endothelin A Receptor Antibody (Extracellular Domain) - References

- Adachi M.,et al.Biochem. Biophys. Res. Commun. 180:1265-1272(1991).
Cyr C.,et al.Biochem. Biophys. Res. Commun. 181:184-190(1991).
Hosoda K.,et al.FEBS Lett. 287:23-26(1991).
Arai H.,et al.Jpn. Circ. J. 56:1303-1307(1992).
Elshourbagy N.A.,et al.J. Biol. Chem. 268:3873-3879(1993).