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EDNRA / Endothelin A Receptor Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10727

Specification

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

Application	**IHC**
Primary Accession	P25101
Reactivity	**Human, Mouse, Rabbit, Pig, Sheep, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**49kDa KDa**

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.

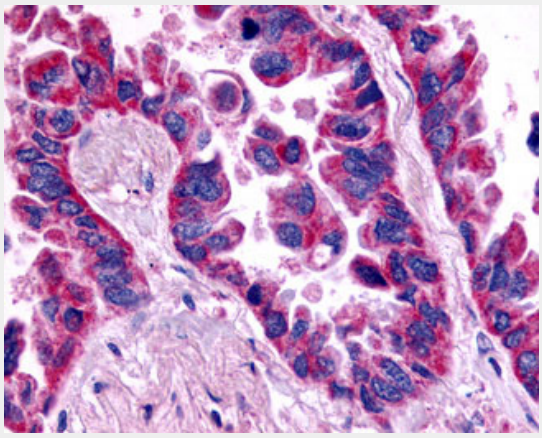
Volume
50 µl

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

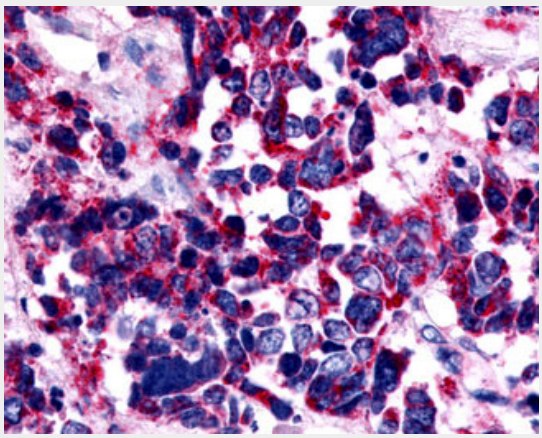
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

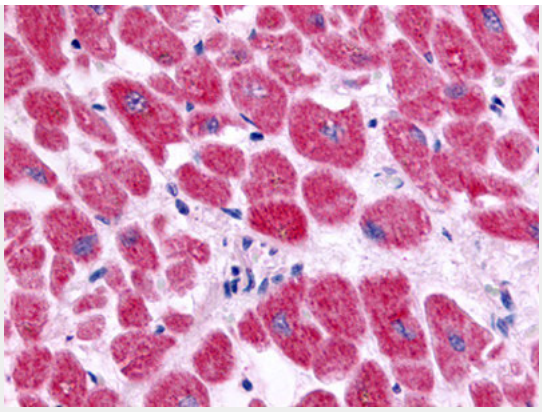


Anti-EDNRA / Endothelin A Receptor antibody IHC of human Lung, Adenocarcinoma.



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

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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

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