

EDNRA / Endothelin A Receptor Antibody (aa378-427)
Rabbit Polyclonal Antibody
Catalog # ALS15255

Specification

EDNRA / Endothelin A Receptor Antibody (aa378-427) - Product Information

Application	IF, WB
Primary Accession	P25101
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

EDNRA / Endothelin A Receptor Antibody (aa378-427) - Additional Information

Gene ID 1909

Other Names

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

Target/Specificity

EDNRA Antibody detects endogenous levels of total EDNRA protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

EDNRA / Endothelin A Receptor Antibody (aa378-427) is for research use only and not for use in diagnostic or therapeutic procedures.

EDNRA / Endothelin A Receptor Antibody (aa378-427) - 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.

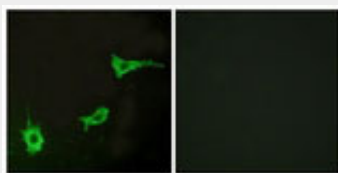
Volume

100 μ l

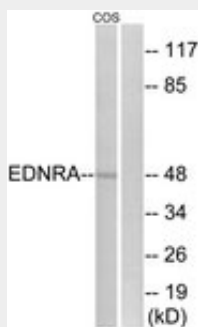
EDNRA / Endothelin A Receptor Antibody (aa378-427) - Protocols

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 (aa378-427) - Images

Immunofluorescence of LOVO cells, using EDNRA Antibody.



Western blot of extracts from COS7 cells, using EDNRA Antibody.

EDNRA / Endothelin A Receptor Antibody (aa378-427) - 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 (aa378-427) - 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).

