

EDNRA antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15049

Product Information

Application	WB
Primary Accession	P25101
Other Accession	NM_001166055 , NP_001159527
Reactivity	Human, Mouse, Rabbit, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rabbit, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48722

Additional Information

Gene ID	1909
Alias Symbol	ETA, ETAR, ETRA, ET-A, ETA-R, hET-AR
Other Names	Endothelin-1 receptor, Endothelin A receptor, ET-A, ETA-R, hET-AR, EDNRA, ETA, ETRA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-EDNRA antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	EDNRA antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

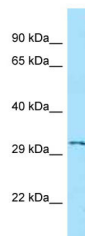
Name	EDNRA (HGNC:3179)
Synonyms	ETA, ETRA
Function	Receptor for endothelin-1. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of binding affinities for ET-A is: ET1 > ET2 >> ET3.
Cellular Location	Cell membrane; Multi-pass 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.

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).

Images



WB Suggested Anti-EDNRA Antibody Titration: 1.0 µg/ml
Positive Control: Jurkat Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.