

ETAR Polyclonal Antibody
Catalog # AP69822**Specification**

ETAR Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P25101
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal

ETAR Polyclonal Antibody - Additional Information**Gene ID** 1909**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ETAR Polyclonal Antibody - 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

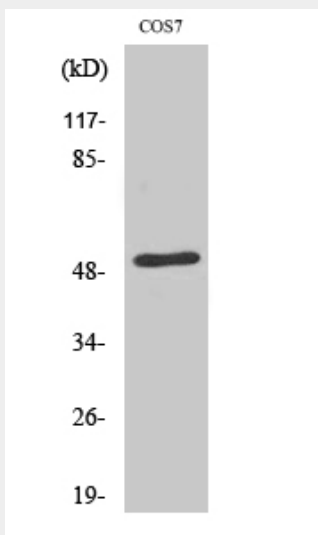
endothelial cells. Within the placenta, isoform 1, isoform 2, isoform 3 and isoform 4 are expressed in the villi and stem villi vessels.

ETAR Polyclonal Antibody - Protocols

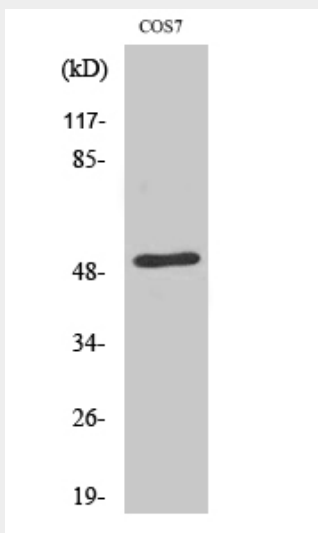
Provided below are standard protocols that you may find useful for product applications.

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

ETAR Polyclonal Antibody - Images



Western Blot analysis of various cells using ETAR Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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