

**EDNRA Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6507c****Specification**

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**EDNRA Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P25101](#)**EDNRA Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 1909**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6507c](/products/AP6507c) was selected from the Center region of human EDNRA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**EDNRA Antibody (Center) Blocking Peptide - 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.

### **EDNRA Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **EDNRA Antibody (Center) Blocking Peptide - Images**

### **EDNRA Antibody (Center) Blocking Peptide - Background**

EDNRA is a receptor for endothelin-1. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

### **EDNRA Antibody (Center) Blocking Peptide - References**

Cardillo, C., Arthritis Rheum. 60 (6), 1840-1844 (2009) Hayzer, D.J., Am. J. Med. Sci. 304 (4), 231-238 (1992)