

Rabbit EDNRA Polyclonal Antibody | anti-EDNRA antibody

EDNRA Antibody (Center)

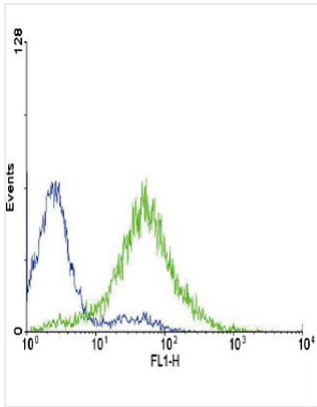
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285072	Rabbit	Human Predicted Species: Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence

PRODUCT SYNONYMS

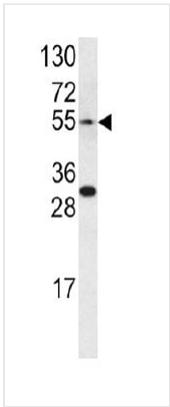
EDNRA; Polyclonal Antibody; EDNRA Antibody (Center); Endothelin-1 receptor; Endothelin A receptor; ET-A; ETA-R; hET-AR; ETA; ETRA; anti-EDNRA antibody

PRODUCT SPECIFICATIONS

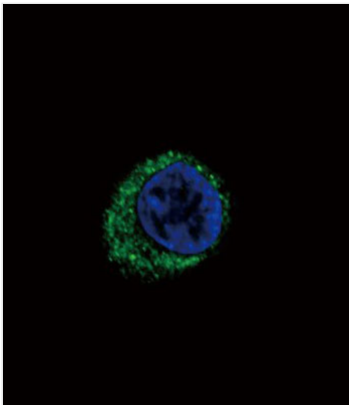
Host	Rabbit
Reactivity	Human Predicted Species: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This EDNRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 125-154 amino acids from the Central region of human EDNRA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	125-154
Applicable Applications for anti-EDNRA antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence)
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.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of CEM cells using EDNRA Antibody (Center) (green histogram) compared to a negative control cell (blue histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of EDNRA antibody (Center) (Cat.# AAA285072) in CEM cell line lysates (35ug/lane). EDNRA (arrow) was detected using the purified Pab.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of EDNRA Antibody (Center)(AAA285072) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-EDNRA antibody	EDNRA is a receptor for endothelin-1. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
Product Categories/Family for anti-EDNRA antibody	Cancer; Metabolism; Signal Transduction; Phospho Antibodies
References	Cardillo,C., Arthritis Rheum. 60 (6), 1840-1844 (2009) Hayzer,D.J., Am. J. Med. Sci. 304 (4), 231-238 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	260593650
NCBI GeneID	1909
NCBI Accession #	NP_001159527.1; NP_001243212.1; NP_001948.1
NCBI GenBank Nucleotide #	NM_001166055.1
UniProt Accession #	P25101; O43441; Q16432; Q16433; Q8TBH2; B2R723; B4E2V6; B7Z9G6; D3DP03; E7ER36; AAB24923
Molecular Weight	48722
NCBI Official Full Name	endothelin-1 receptor isoform b

NCBI Official Synonym Full Names	endothelin receptor type A
NCBI Official Symbol	EDNRA
NCBI Official Synonym Symbols	ETA; ET-A; ETAR; ETRA; MFDA; ETA-R; hET-AR
NCBI Protein Information	endothelin-1 receptor
UniProt Protein Name	Endothelin-1 receptor
UniProt Gene Name	EDNRA
UniProt Synonym Gene Names	ETA; ETRA; ET-A; ETA-R; hET-AR
UniProt Entry Name	EDNRA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ednra-antibody-flow-cytometry-western-blot-immunofluorescence-elisa/285072>