



Anti-EDNRA (aa 18-80) polyclonal antibody (DPAB-DC810)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants.
Immunogen	EDNRA (AAH22511, 18 a.a. ~ 80 a.a) partial recombinant protein with GST tag. The sequence is VISDNPERYSTNLSNHVDDFTTFRGTELSFLVTTHQPTNLVLPSNGSMHNYCPQQTKITS AFK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	EDNRA endothelin receptor type A [Homo sapiens (human)]
Official Symbol	EDNRA
Synonyms	EDNRA; endothelin receptor type A; ETA; ET-A; ETAR; ETRA; ETA-R; hET-AR; endothelin-1 receptor; G protein-coupled receptor; endothelin receptor subtype A; endothelin-1-specific receptor;
Entrez Gene ID	1909
Protein Refseq	NP_001159527
UniProt ID	P25101
Chromosome Location	4q31.22
Pathway	Calcium signaling pathway; Class A/1 (Rhodopsin-like receptors); Endothelin; G alpha (q) signalling events
Function	endothelin receptor activity; phosphatidylinositol phospholipase C activity; protein binding;