

For Research Use Only

EDNRB Recombinant antibody, PBS Only



Catalog Number: 82818-2-PBS

Basic Information

Catalog Number: 82818-2-PBS	GenBank Accession Number: NM_000115	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 1910	CloneNo.: 102
Source: Rabbit	UNIPROT ID: P24530	
Isotype: IgG	Full Name: endothelin receptor type B	
	Calculated MW: 50 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

EDNRB (endothelin receptor type B) is a G-protein coupled heptahelical endothelin-1 (EDN1) receptor. EDN1, a known mediator of human myometrial contraction in vitro, belongs to a family of three 21-amino acid isopeptides (PMID:18497345). EDNRB is a 442-residue protein expressed post-natally in many tissues, particularly in the myenteric plexus, mucosal layer, ganglia, and blood vessels of the submucosa of the colon (PMID:11434563). Moreover, Both the EDNRA and EDNRB are expressed in vessels and can be bound by EDN1, but while EDNRA mediates a constrictive effect, EDNRB is involved in vasorelaxation and functions as a clearance receptor that scavenges circulating EDN1 (PMID:30171849).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

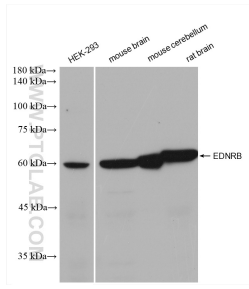
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82818-2-RR (EDNRB antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82818-2-PBS in a different storage buffer formulation.