

Allgemeine Informationen

Katalog-Nr.: 20964-1-AP	GenBank-Zugangsnummer: NM_000115	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 1910	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: endothelin receptor type B	
Isotyp: IgG	Berechnete Masse: 50 kDa	
	Beobachtete Masse: 53 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, humanes Plazenta-Gewebe, Maus-Plazenta-Gewebe IHC : humanes Plazenta-Gewebe,
In Publikationen genannte Anwendungen: FC, IF, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xuhong Zhang	36418970	BMC Ophthalmol	WB
Juliano T Freitas	34288510	Pigment Cell Melanoma Res	IF,FC
Zhong-San Zeng	30663067	J Pharm Pharmacol	WB

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

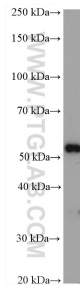
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

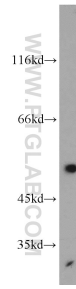
E: proteintech@ptglab.com
W: ptglab.com

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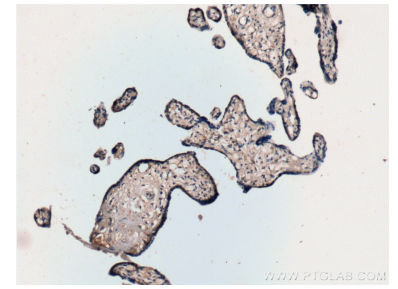
Ausgewählte Validierungsdaten



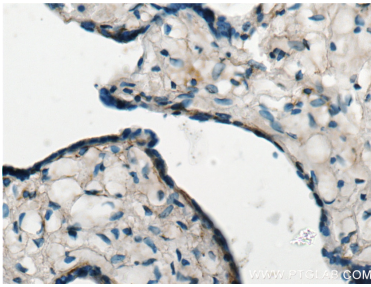
HEK-293 cells were subjected to SDS PAGE followed by western blot with 20964-1-AP (EDNRB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



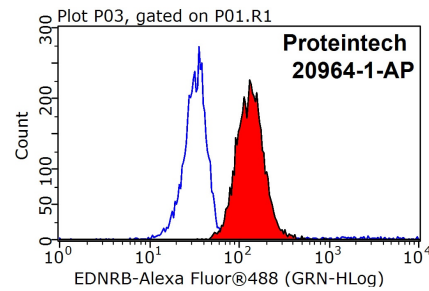
mouse placenta tissue were subjected to SDS PAGE followed by western blot with 20964-1-AP (EDNRB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 20964-1-AP (EDNRB Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 20964-1-AP (EDNRB Antibody) at dilution of 1:50 (under 40x lens).



1×10^6 Raji cells were stained with 0.2ug EDNRB antibody (20964-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.