

Endothelin B Receptor Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 378 and 442 of Human Endothelin B receptor
Form	Liquid
Concentration	0.52 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546242

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-

Product Specific Information

Recommended positive controls: A375, Rat2.

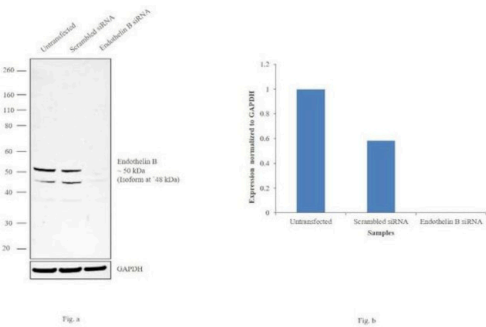
Predicted reactivity: Mouse (100%), Rat (100%), Dog (100%), Pig (100%), Rabbit (100%), Chicken (100%), Bovine (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For Endothelin B Receptor Polyclonal Antibody

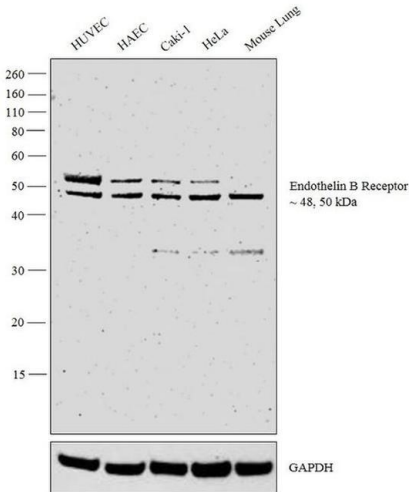
Endothelin B Receptor Antibody (PA5-28766)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. CaCO2 cells were transfected with Endothelin B Receptor siRNA and reduction of signal was observed in Western Blot using Endothelin B Receptor Polyclonal Antibody (Product # PA5-28766). {KD}



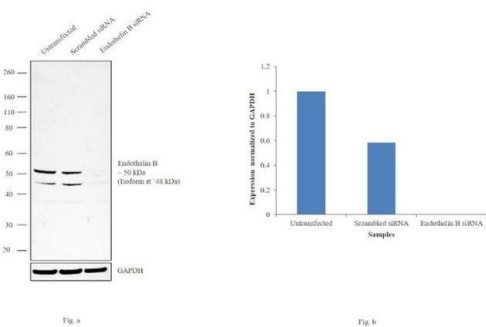
Endothelin B Receptor Antibody (PA5-28766) in WB

Knockdown of Endothelin B Receptor was achieved by transfecting Caco-2 with Endothelin B Receptor specific siRNAs (Silencer® select Product # s533982, s4468). Western blot analysis (Fig. a) was performed using 1% SDS from the Endothelin B Receptor knockdown cells (lane 3), non-specific scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The blots were probed with Endothelin B Receptor Polyclonal Antibody (Product # PA5-28766, 1:500 dilution) and Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to Endothelin B Receptor.



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