

Anti-ANTR1 antibody



Description	Unconjugated Rabbit polyclonal to ANTR1
Model	STJ192309
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	84168
Gene Symbol	ANTXR1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ANTR1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Detected in umbilical vein endothelial cells (at protein level). Highly expressed in tumor endothelial cells.
Purification	ANTR1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Anthrax toxin receptor 1 Tumor endothelial marker 8
Molecular Weight	62 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21014OMIM:230740
Alternative Names	Anthrax toxin receptor 1 Tumor endothelial marker 8
Function	Plays a role in cell attachment and migration. Interacts with extracellular matrix proteins and with the actin cytoskeleton. Mediates adhesion of cells to type 1 collagen and gelatin, reorganization of the actin cytoskeleton and promotes cell spreading. Plays a role in the angiogenic response of cultured umbilical vein endothelial cells.
Sequence and Domain Family	Binding to PA occurs through the VWA domain.
Cellular Localization	Cell membrane Cell projection, lamellipodium membrane Cell projection, filopodium membrane. At the membrane of lamellipodia and at the tip of actin-enriched filopodia. Colocalizes with actin at the base of lamellipodia.

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