

## Anti-ANTR1 antibody

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

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| <b>Formulation</b>                | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                 |
| <b>Concentration</b>              | 1 mg/ml                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Instruction</b>        | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                |
| <b>Database Links</b>             | <a href="#">HGNC:21014OMIM:230740</a>                                                                                                                                                                                                                                                                                                               |
| <b>Alternative Names</b>          | Anthrax toxin receptor 1 Tumor endothelial marker 8                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>                   | 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. |
| <b>Sequence and Domain Family</b> | Binding to PA occurs through the VWA domain.                                                                                                                                                                                                                                                                                                        |
| <b>Cellular Localization</b>      | 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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