

**Anti-ANTXR1 / TEM8 Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18619****Specification**

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**Anti-ANTXR1 / TEM8 Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">Q9H6X2</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	62789
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

**Anti-ANTXR1 / TEM8 Antibody - Additional Information****Gene ID** 84168**Alias Symbol** **ANTXR1**  
**Other Names**  
ANTXR1, Tumor endothelial marker 8, Anthrax toxin receptor 1, TEM8**Target/Specificity**  
Human ANTXR1 / TEM8**Reconstitution & Storage**  
Affinity purified**Precautions**  
Anti-ANTXR1 / TEM8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-ANTXR1 / TEM8 Antibody - Protein Information****Name** ANTXR1 {ECO:0000303|PubMed:22912819, ECO:0000312|HGNC:HGNC:21014}**Function**  
Plays a role in cell attachment and migration. Interacts with extracellular matrix proteins and with the actin cytoskeleton and thereby plays an important role in normal extracellular matrix (ECM) homeostasis. 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. May also act as a receptor for PLA2. Upon ligand binding, stimulates the phosphorylation of EGFR and ERK1/2 (PubMed:<a href="http://www.uniprot.org/citations/30241478" target="\_blank">30241478</a>).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Cell projection, lamellipodium membrane; Single-pass type I membrane protein. Cell projection, filopodium membrane; Single-pass type I membrane protein. Note=At the membrane of lamellipodia and at the tip of actin-enriched filopodia (PubMed:16762926). Colocalizes with actin at the base of lamellipodia (PubMed:16762926)

**Tissue Location**

Detected in umbilical vein endothelial cells (at protein level). Highly expressed in tumor endothelial cells

**Anti-ANTXR1 / TEM8 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-ANTXR1 / TEM8 Antibody - Images**