

Rabbit ANTXR1 Polyclonal Antibody | anti-ANTXR1 antibody

ANTXR1 Antibody (Y382)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283790	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

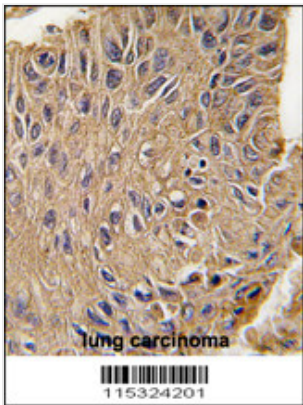
PRODUCT SYNONYMS

ANTXR1; Polyclonal Antibody; ANTXR1 Antibody (Y382); Anthrax toxin receptor 1; Tumor endothelial marker 8; ATR; TEM8; anti-ANTXR1 antibody

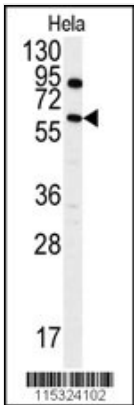
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANTXR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 358-386 amino acids from human ANTXR1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	358-386
Sequence Length	358
Applicable Applications for anti-ANTXR1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ANTXR1 Antibody (Y382) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-ANTXR1 Antibody (Y382) in HeLa cell line lysates (35ug/lane). ANTXR1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ANTXR1 antibody	ANTXR1 is a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. This protein has been shown to also be a docking protein or receptor for Bacillus anthracis toxin, the causative agent of the disease, anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxin, to this receptor protein mediates delivery of toxin components to the cytosol of cells. Once inside the cell, the other two components of anthrax toxin, edema factor (EF) and lethal factor (LF) disrupt normal cellular processes.
Product Categories/Family for anti-ANTXR1 antibody	Cardiovascular; Neuroscience
References	Werner,E., J. Biol. Chem. 281 (32), 23227-23236 (2006) Wei,W., Cell 124 (6), 1141-1154 (2006) Raine,G.J., Proc. Natl. Acad. Sci. U.S.A. 102 (37), 13278-13283 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933553
NCBI GeneID	84168
NCBI Accession #	NP_060623.2; NP_115584.1; NP_444262.1
NCBI GenBank Nucleotide #	NM_018153.3
UniProt Accession #	Q9H6X2; Q4ZFY6; Q53QD8; Q96P02; Q9NVP3; A8K7U8; J7K7G4; J7KF88
Molecular Weight	62789
NCBI Official Full Name	anthrax toxin receptor 1 isoform 3
NCBI Official Synonym Full Names	anthrax toxin receptor 1
NCBI Official Symbol	ANTXR1
NCBI Official Synonym Symbols	ATR; GAPO; TEM8
NCBI Protein Information	anthrax toxin receptor 1
UniProt Protein Name	Anthrax toxin receptor 1
UniProt Gene Name	ANTXR1

UniProt Synonym Gene Names	ATR; TEM8
UniProt Entry Name	ANTR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/antxr1-antibody-immunohistochemistry-western-blot-elisa/283790>