

Rabbit anti-Human, Mouse ANT XR1 Polyclonal Antibody | anti-ANT XR1 antibody

ANT XR1 Polyclonal Antibody

CATALOG # AAA280166	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ANT XR1; Polyclonal Antibody; ANT XR1 Polyclonal Antibody; ATR; GAPO; TEM8; anti-ANT XR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	564
Applicable Applications for anti-ANT XR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ANT XR1
Calculated Molecular Weight	63kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ANT XR1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ANT XR1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ANTXR1 antibody	This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. The encoded 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. Three alternatively spliced variants that encode different protein isoforms have been described.
Product Categories/Family for anti-ANTXR1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	17366074
NCBI GeneID	84168
UniProt Accession #	Q9H6X2; Q4ZFV6; Q53QD8; Q96P02; Q9NVP3; A8K7U8; J7K7G4; J7KF88
Molecular Weight	564
NCBI Official Full Name	Anthrax toxin receptor 1
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; 2310008J16Rik; 2810405N18Rik; tumor endothelial marker 8
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/antxr1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280166>