

Rabbit Anthrax Toxin Receptor 2 Polyclonal Antibody | anti-ANTXR2 antibody

Anthrax Toxin Receptor 2 (ANTXR2) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21007	Rabbit	Human, Rat, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

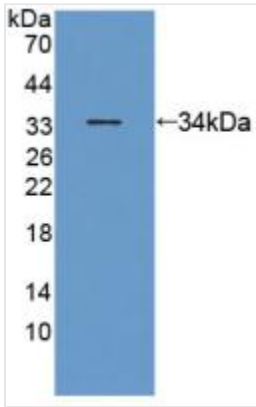
PRODUCT SYNONYMS

Anthrax Toxin Receptor 2; Polyclonal Antibody; Anthrax Toxin Receptor 2 (ANTXR2) Polyclonal Antibody; CMG-2; CMG2; ISH; JHF; Capillary Morphogenesis Protein 2; anti-ANTXR2 antibody

PRODUCT SPECIFICATIONS

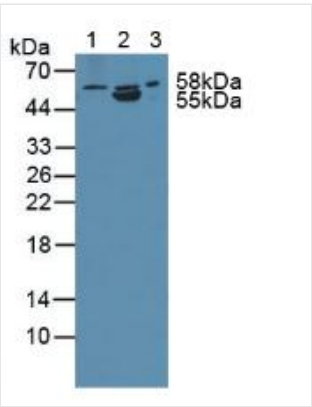
Host	Rabbit
Reactivity	Human, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ANTXR2. It has been selected for its ability to recognize ANTXR2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.63mg/ml (varies by lot)
Sequence Length	487
Applicable Applications for anti-ANTXR2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western Blot: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Rat, Pig
Organism Species	Human
Fragment	ANTXR2 (Gln34–Gly318)
Quality Control	Content: The quality control contains recombinant ANTXR2 (Gln34–Gly318) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type PC3 cell lysate; Lane 2: ANTXR2 knockout PC3 cell lysate; Predicted MW: 54,53,43,35kd Observed MW: 58kd Primary Ab: 1ug/ml Rabbit Anti-Human ANTXR2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human PC-3 Cells; Lane2: Porcine Intestine Tissue; Lane3: Rat Prostate Gland Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ANTXR2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224809466
NCBI GeneID	118429
NCBI Accession #	NP_001139266.1
NCBI GenBank Nucleotide #	NM_001145794.1
UniProt Accession #	P58335; Q4W5H6; Q59E98; Q5JPE9; Q86UI1; Q8N4J8; Q8NB13; Q96NC7
Molecular Weight	53,493 Da
NCBI Official Full Name	anthrax toxin receptor 2 isoform 2
NCBI Official Synonym Full Names	anthrax toxin receptor 2
NCBI Official Symbol	ANTXR2
NCBI Official Synonym Symbols	HFS; ISH; JHF; CMG2; CMG-2
NCBI Protein Information	anthrax toxin receptor 2
UniProt Protein Name	Anthrax toxin receptor 2
UniProt Gene Name	ANTXR2
UniProt Synonym Gene Names	CMG2; CMG-2

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.