

Rabbit ART4 Polyclonal Antibody | anti-ART4 antibody

ART4 antibody - middle region

CATALOG # AAA199143	HOST Rabbit	REACTIVITY Cow, Horse, Human, Pig, Rabbit, Rat, Sheep	APPLICATIONS Western Blot
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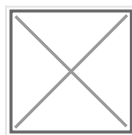
PRODUCT SYNONYMS

ART4; Polyclonal Antibody; ART4 antibody - middle region; anti-ART4 antibody

PRODUCT SPECIFICATIONS

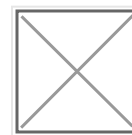
Host	Rabbit
Reactivity	Cow, Horse, Human, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TL CYEVHYRTKD VHFNAYTGAT IRFGQFLSTS LLKEEAQEFQ NQTLFTIF
Sequence Length	314
Applicable Applications for anti-ART4 antibody	WB (Western Blot)
Homology	Cow: 85%; Horse: 85%; Human: 100%; Pig: 85%; Rabbit: 92%; Rat: 79%; Sheep: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ART4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ART4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: Human heart



WB (Western Blot)

Host: Rabbit
Target Name: ART4
Sample Tissue: Human Stomach Tumor
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ART4 antibody	This is a rabbit polyclonal antibody against ART4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ART4 is a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-ART4 antibody	Polyclonal; Signal Proteins; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	61835134
NCBI GeneID	420
NCBI Accession #	NP_066549
NCBI GenBank Nucleotide #	NM_021071
UniProt Accession #	Q93070
Molecular Weight	36kDa
NCBI Official Full Name	ecto-ADP-ribosyltransferase 4 isoform 1
NCBI Official Synonym Full Names	ADP-ribosyltransferase 4 (Dombrock blood group)
NCBI Official Symbol	ART4
NCBI Official Synonym Symbols	DO; DOK1; ARTC4; CD297; DO/ART4
NCBI Protein Information	ecto-ADP-ribosyltransferase 4
UniProt Protein Name	Ecto-ADP-ribosyltransferase 4
UniProt Gene Name	ART4
UniProt Synonym Gene Names	DO; DOK1; ARTC4

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/art4-antibody-western-blot-elisa/199143>