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anti-ART1 antibody (C-Term)





Overview

Quantity:	100 μL
Target:	ART1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ART1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ART1
Sequence:	KHSTYNCEYI KDKKCKSGPC HLDNSAMGQS PLSAVWSLLL LLWFLVVRAF
Predicted Reactivity:	Cow: 86%, Dog: 85%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 85%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ART1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ART1
Alternative Name:	ART1 (ART1 Products)
Background:	ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins. Mono-

ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of E. coli. The amino acid sequence consists of predominantly hydrophobic N- and C-terminal regions, which is characteristic of glycosylphosphatidylinositol (GPI)-anchored proteins.

Alias Symbols: ART2, CD296, MGC133217, RT6

Protein Interaction Partner: PDGFB,

Protein Size: 327

Molecular Weight: 36 kDa

Gene ID: 417

NCBI Accession: NM_004314, NP_004305

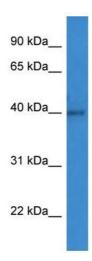
UniProt: P52961

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 327 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



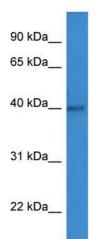
Western Blotting

Image 1. WB Suggested Anti-ART1 Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:312500

Positive Control: MCF7 cell lysate



Rabbit Anti-ART1 Antibody Catalog Number: ARP60195 Lot Number: QC31103 Lane: MCF7 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-ART1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: MCF7 cell lysate