

Rabbit ARTS1 / ERAP1 Polyclonal Antibody | anti-ARTS1 antibody

Rabbit Polyclonal to Human ARTS1 / ERAP1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51443	Rabbit	Gibbon, Gorilla, Human, Monkey Predicted Reactivity: Orangutan, Hamster (at least 90% immunogen sequence identity)	Immunohistochemistry

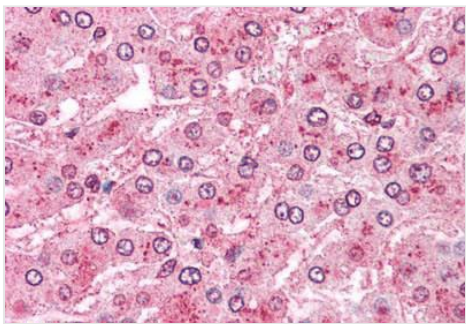
PRODUCT SYNONYMS

ARTS1 / ERAP1; Polyclonal Antibody; Rabbit Polyclonal to Human ARTS1 / ERAP1; Anti-ARTS1 / ERAP1 Antibody (Internal) IHC-plus; ERAP1; A-LAP; ALAP; APPILS; ARTS1; ERAAP; ERAAP1; KIAA0525; PILS-AP; Aminopeptidase PILS; ARTS-1; PILSAP; Human ARTS1; anti-ARTS1 antibody

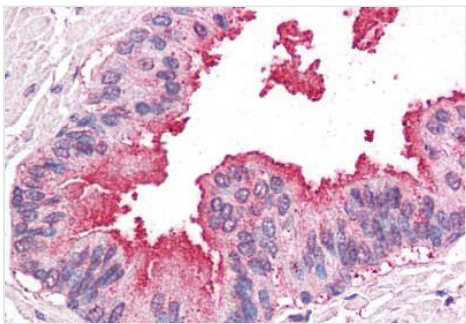
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey Predicted Reactivity: Orangutan, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ERAP1 / ARTS1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	948
Applicable Applications for anti-ARTS1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human ERAP1 / ARTS1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%); Orangutan, Hamster (93%); Dog, Bovine, Rabbit, Horse, Pig (87%).
Immunogen Type	Synthetic peptide
Immunogen	ARTS1 / ERAP1 antibody was raised against synthetic 15 amino acid peptide from internal region of human ERAP1 / ARTS1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%); Orangutan, Hamster (93%); Dog, Bovine, Rabbit, Horse, Pig (87%); Mouse, Rat, Bat (80%).
Antigen Modification	Internal
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-ERAP1 / ARTS1 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ERAP1 / ARTS1 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ARTS1 antibody	ARTS1/Adipocyte-derived leucine aminopeptidase (A-LAP) is a member of the M1 family of zinc metallopeptidases. A-LAP is upregulatable by gamma interferon and trims N-terminal lysine, leucine, tyrosine and asparagines residues when they are not followed by proline in the ER to yield the optimal octamer, primarily and nonamer peptides for antigen presentation by major histocompatibility complex (MHC) molecules.
Product Categories/Family for anti-ARTS1 antibody	Family: Exopeptidase; Subfamily: Metallopeptidase M1

NCBI AND UNIPROT INFORMATION

NCBI GI #	94818901
NCBI GeneID	51752
NCBI Accession #	NP_057526.3
NCBI GenBank Nucleotide #	NM_016442.3
UniProt Accession #	Q9NZ08; O60278; Q6UWY6; Q8NEL4; Q8TAD0; Q9UHF8; Q9UKY2
Molecular Weight	107,841 Da
NCBI Official Full Name	endoplasmic reticulum aminopeptidase 1 isoform a
NCBI Official Synonym Full Names	endoplasmic reticulum aminopeptidase 1
NCBI Official Symbol	ERAP1
NCBI Official Synonym Symbols	ALAP; A-LAP; ARTS1; ERAAP; APPILS; ARTS-1; ERAAP1; PILSAP; PILS-AP
NCBI Protein Information	endoplasmic reticulum aminopeptidase 1; aminopeptidase PILS; adipocyte-derived leucine aminopeptidase; aminopeptidase regulator of TNFR1 shedding; puromycin-insensitive leucyl-specific aminopeptidase; endoplasmic reticulum aminopeptidase 1 delta-Exon-11 isoform; endoplasmic reticulum aminopeptidase 1 delta-Exon-13 isoform; endoplasmic reticulum aminopeptidase 1 delta-Exon-14 isoform; endoplasmic reticulum aminopeptidase 1 delta-Exon-15 isoform; endoplasmic reticulum aminopeptidase associated with antigen processing; type 1 tumor necrosis factor receptor shedding aminopeptidase regulator
UniProt Protein Name	Endoplasmic reticulum aminopeptidase 1
UniProt Gene Name	ERAP1
UniProt Synonym Gene Names	APPILS; ARTS1; KIAA0525; A-LAP; PILS-AP
UniProt Entry Name	ERAP1_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/arts1-erap1-antibody-immunohistochemistry-elisa/51443>