

# ERAP1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03036
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ARTS-1. AA range:441-490
Mol wt	107235
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	ERAP1 Antibody
Synonyms	ERAP1; APPILS; ARTS1; KIAA0525; Endoplasmic reticulum aminopeptidase 1; ARTS-1; Adipocyte-
	derived leucine aminopeptidase; A-LAP; Aminopeptidase PILS; Puromycin-insensitive leucyl-specific
	aminopeptida

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

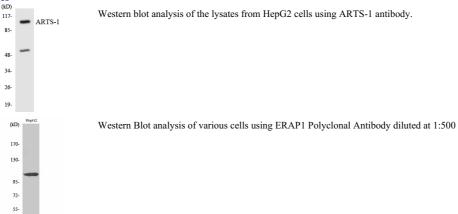
#### Background

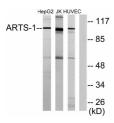
Endoplasmic reticulum aminopeptidase 1 encoded by ERAP1 is an aminopeptidase involved in trimming HLA class I-binding precursors so that they can be presented on MHC class I molecules. The encoded protein acts as a monomer or as a heterodimer with ERAP2. This protein may also be involved in blood pressure regulation by inactivation of angiotensin II. Three transcript variants encoding two different isoforms have been found for ERAP1.

### **Recommended Dilution**

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000 Not yet tested in other applications.

## Images





Western blot analysis of lysates from HepG2, Jurkat, and HUVEC cells, using ARTS-1 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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