

## **Product datasheet for TA350992S**

## **ARTS1 (ERAP1) Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WE

Recommended Dilution: WB: 200-1000

WB positive control: Raji cells

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Synthetic peptide of human ERAP1

**Formulation:** pH7.4 PBS, 0.05% NaN3, 40% Glyceroln

**Purification:** Antigen affinity purification

**Conjugation:** Unconjugated

Storage: Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Predicted Protein Size:** 107 kDa

**Gene Name:** endoplasmic reticulum aminopeptidase 1

Database Link: NP 057526

Entrez Gene 51752 Human

Q9NZ08

Background: The protein encoded by this gene 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 this gene.

Synonyms: A-LAP; ALAP; APPILS; ARTS-1; ARTS-1; ERAAP; ERAAP1; PILS-AP; PILSAP

**Protein Families:** Druggable Genome, Protease, Secreted Protein



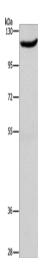
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## **Product images:**



Gel: 6%SDS-PAGE Lysate: 40 μg Lane: Raji cells

Primary antibody: [TA350992] (ERAP1 Antibody)

at dilution 1/466

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

Exposure time: 10 minutes