

## Product Datasheet

# ERAP1 Antibody



Catalog No: CY9803

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC

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### Information

**UniProt ID:** Q9NZ08

**All Names:** ALAP; Aminopeptidase PILS; APPILS; Arts1; Endoplasmic reticulum aminopeptidase 1; ERAAP; ERAAP1; Erap1; PILSA; PILSAP;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 100kDa

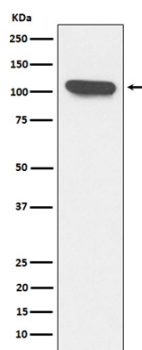
### Application

WB 1:500~1:2000

IHC 1:50~1:200

### Background

Aminopeptidase that plays a central role in peptide trimming, a step required for the generation of most HLA class I-binding peptides. Peptide trimming is essential to customize longer precursor peptides to fit them to the correct length required for presentation on MHC class I molecules. Strongly prefers substrates 9-16 residues long.



Western blot analysis of ERAP1 expression in K562 cell lysate.

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