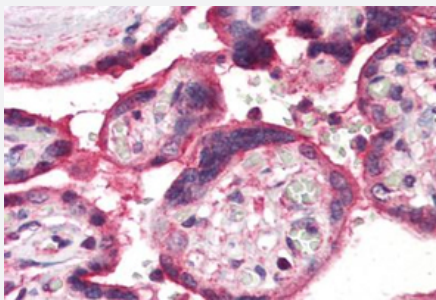


ERAP1 polyclonal antibody

Catalog # PAB25600

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human placenta tissue after heat-induced antigen retrieval.
Using ERAP1 polyclonal antibody (Cat # PAB25600).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ERAP1.
Immunogen	A synthetic peptide corresponding to 13 amino acids at internal region of human ERAP1.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human placenta tissue after heat-induced antigen retrieval. Using ERAP1 polyclonal antibody (Cat # PAB25600).

Gene Info — ERAP1

Entrez GeneID [51752](#)

Gene Name ERAP1

Gene Alias A-LAP, ALAP, APPILS, ARTS-1, ARTS1, ERAAP, ERAAP1, KIAA0525, PILS-AP, PILSAP

Gene Description endoplasmic reticulum aminopeptidase 1

Omim ID [606832](#)

Gene Ontology [Hyperlink](#)

Gene Summary Aminopeptidases play a role in the metabolism of several peptides that may be involved in blood pressure and the pathogenesis of essential hypertension (MIM 145500). Adipocyte-derived leucine aminopeptidase (ALAP) is a member of the M1 family of zinc metallopeptidases.[supplied by OMIM]

Other Designations adipocyte-derived leucine aminopeptidase|aminopeptidase PILS|aminopeptidase regulator of TNFR1 shedding|puromycin-insensitive leucyl-specific aminopeptidase|type 1 tumor necrosis factor receptor shedding aminopeptidase regulator

Disease

- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Hypertension](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Psoriasis](#)
- [Spondylitis](#)
- [Tobacco Use Disorder](#)