

ERAP2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55661

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6P179
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110462

Additional Information

Gene ID	64167
Other Names	Endoplasmic reticulum aminopeptidase 2, 3.4.11.-, Leukocyte-derived arginine aminopeptidase, L-RAP, ERAP2, LRAP
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ERAP2
Synonyms	LRAP
Function	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. Preferentially hydrolyzes the basic residues Arg and Lys.
Cellular Location	Endoplasmic reticulum membrane; Single-pass type II membrane protein
Tissue Location	Ubiquitously expressed. Highly expressed in spleen and leukocytes.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.