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Datasheet for ABIN343047  
**anti-ERAP2 antibody (AA 480-493)**

1 Image

Overview

Quantity:	100 µg
Target:	ERAP2
Binding Specificity:	AA 480-493
Reactivity:	Human, Monkey
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ERAP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide C-QYLKFSYRNAKND from an internal region of human ERAP2 / Aminopeptidase (NP_071745.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey (100%), Pig (93%), Marmoset, Elephant, Dog, Bat, Bovine, Horse (86%).  Type of Immunogen: Synthetic peptide
Specificity:	Human ERAP2 / Aminopeptidase.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey (100%) Pig (93%) Marmoset, Elephant, Dog, Bat, Bovine, Horse (86%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	ERAP2
Abstract:	<a href="#">ERAP2 Products</a>
Background:	Name/Gene ID: ERAP2 Subfamily: Metallopeptidase M1 Family: Exopeptidase  Synonyms: ERAP2, Aminopeptidase, L-RAP, LRAP
Gene ID:	64167
NCBI Accession:	<a href="#">NP_071745</a>
UniProt:	<a href="#">Q6P179</a>

## Application Details

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Application Notes:	Approved: Peptide-ELISA (1:16000, 0.5 - 1.5 µg/mL), WB (0.5 - 1.5 µg/mL)  Usage: Peptide ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx. 110kD band observed in Human Spleen lysates (calculated MW of 110kD according to NP_071745.1). Recommended concentration: 0.5-1.5 µg/mL. An additional band of unknown identity was also consistently observed at 50kD. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies / lysates? Have any further splice variants / modified forms been reported?
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

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Handling Advice: Minimize freezing and thawing.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Avoid freeze-thaw cycles.

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## Images

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### Western Blotting

Image 1.