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Datasheet for ABIN6991900 **anti-ERAP2 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	ERAP2
Binding Specificity:	AA 110-160, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERAP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	ERAP2 antibody was raised against a 17 amino acid peptide near the amino terminus of human ERAP2. The immunogen is located within amino acids 110 - 160 of ERAP2 .
Isotype:	IgG
Specificity:	ERAP2 antibody is human reactive. Multiple isoforms of ERAP2 are known to exist. ERAP2 antibody is predicted to not cross-react with ERAP1.
Purification:	ERAP2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ERAP2
Alternative Name:	ERAP2 (ERAP2 Products)

Target Details

Background:	The endoplasmic reticulum (ER) aminopeptidase 2 (ERAP2), a member of the peptidase M1 family, like the related protein ERAP1, plays a central role in peptide trimming, a step required for the generation of most HLA class I-binding peptides (1,2). Like ERAP1, ERAP2 is localized to the lumen of the ER and is thought to associate with ERAP1 as a heterodimer (1). Both ERAP1 and ERAP2 have been linked to several human diseases ranging from infections to autoimmunity and cancer, and may play a role in the innate immune response (reviewed in 3).
Molecular Weight:	Predicted: 106 kDa Observed: 120kDa
Gene ID:	64167
NCBI Accession:	NP_071745
UniProt:	Q6P179

Application Details

Application Notes:	ERAP2 antibody can be used for detection of ERAP2 by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ERAP2 Antibody is supplied in PBS containing 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.
Storage:	-20 °C, 4 °C
Storage Comment:	ERAP2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.