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Datasheet for ABIN5689956
anti-ERAP2 antibody (AA 110-160)

Overview

Quantity:	0.1 mg
Target:	ERAP2
Binding Specificity:	AA 110-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
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.

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: 4 °C, -20 °C

Storage Comment: ERAP2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.