

Datasheet for ABIN6989656
anti-ERAP1 antibody



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Overview

Quantity:	100 µL
Target:	ERAP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ERAP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic Peptide corresponding to C-terminal human ERAP1.
Clone:	3H62
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ERAP1
Alternative Name:	ERAP1 (ERAP1 Products)
Background:	Synonyms: A LAP antibody, A-LAP antibody, Adipocyte derived leucine aminopeptidase antibody, Adipocyte-derived leucine aminopeptidase antibody, ALAP antibody, Aminopeptidase

Target Details

PILS antibody, Aminopeptidase regulator of TNFR1 shedding antibody, APPILS antibody, ARTS 1 antibody, ARTS-1 antibody, Arts1 antibody, Endoplasmic reticulum aminopeptidase 1 antibody, Endoplasmic reticulum aminopeptidase associated with antigen processing antibody, ERAAP antibody, ERAAP1 antibody, ERAP 1 antibody, Erap1 antibody, ERAP1_HUMAN antibody, KIAA0525 antibody, kiaa0525 protein antibody, PILS AP antibody, PILS-AP antibody, PILSA antibody, PILSAP antibody, Puromycin insensitive leucyl specific aminopeptidase antibody, Puromycin-insensitive leucyl-specific aminopeptidase antibody, Type 1 tumor necrosis factor receptor shedding aminopeptidase regulator antibody, type 1 tumor necrosis factor receptors shedding aminopeptidase regulator antibody, VEGF-induced aminopeptidase antibody

Background: 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. Strongly prefers substrates 9-16 residues long. Rapidly degrades 13-mer to a 9-mer and then stops. Preferentially hydrolyzes the residue Leu and peptides with a hydrophobic C-terminus, while it has weak activity toward peptides with charged C-terminus. May play a role in the inactivation of peptide hormones. May be involved in the regulation of blood pressure through the inactivation of angiotensin II and/or the generation of bradykinin in the kidney.

Gene ID: 51752

UniProt: [Q9NZ08](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months