



Rabbit Anti-Human ERAP2 Polyclonal antibody (DPABH-06100)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ERAP2 fusion protein, sequence: VDSNGYYIVHYEGHGWDQLITQLNQNHLLRPKDRVGLIHDVFQLVGAGRLTDKALDMT YYLQHETSSPALLEGSLYLESFYHMMDRRNISDISENLKRYLLQYFKPVIDRQSWSDKGS VWDRMLRSALLKLACDLNHAPCIQKAAELFSQWMESSGKLNIPDVLKIVYSVGAQT TAG WNYLLEQYELSMSSAEQNKILYALSTSKHQEKLLKLIELGMEGKVIKTQNLAALLHAIAR RPKGQQLAWDFVRENWTHLLKKFDLGSYDIRMIISGTTAHFSSKDKLQEVKLFESLEAQ GSHLDIFQTVLETITKNIKWLEKNLPTLRTWLMVNT (580-915 aa encoded by BC065240)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IHC, IF, ELISA
Positive Control	K-562 cells, A549 cells, mouse thymus tissue
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

Aminopeptidases hydrolyze N-terminal amino acids of proteins or peptide substrates. Major histocompatibility complex (MHC) class I molecules rely on aminopeptidases such as ERAP1 (MIM 606832) and LRAP to trim precursors to antigenic peptides in the endoplasmic reticulum (ER) following cleavage in the cytoplasm by tripeptidyl peptidase II (TPP2; MIM 190470) (Tanioka et al., 2003 [PubMed 12799365]).

Keywords

ERAP2; endoplasmic reticulum aminopeptidase 2; LRAP; L-RAP; leukocyte-derived arginine aminopeptidase;

GENE INFORMATION

Entrez Gene ID

[64167](#)

UniProt ID

[B2R769](#)