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Product datasheet for TA326651

ERAP2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ERAP2 antibody was raised against a 17 amino acid peptide near the amino terminus of human ERAP2.
Formulation:	ERAP2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	ERAP2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 106 kDa; Observed: 103 kDa
Gene Name:	endoplasmic reticulum aminopeptidase 2
Database Link:	NP_071745 Entrez Gene 64167 Human Q6P179
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).
Synonyms:	L-RAP; LRAP

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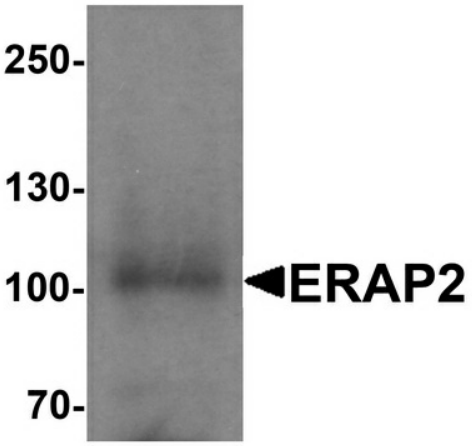
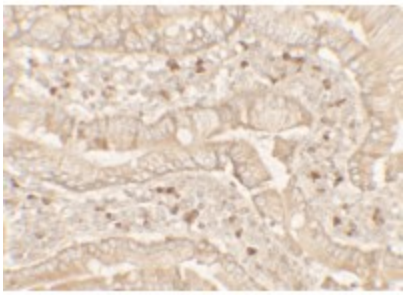
Protein Families: Druggable Genome, Protease

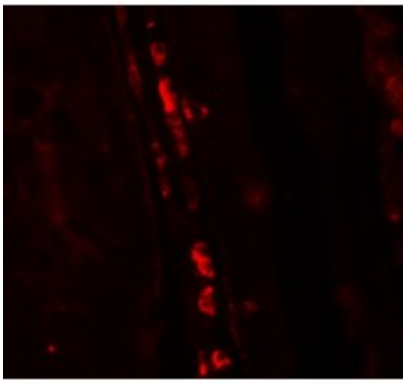
Product images:



Western blot analysis of ERAP2 in rat small intestine tissue lysate with ERAP2 antibody at 1 ug/ml.



Immunohistochemistry of ERAP2 in rat small intestine tissue with ERAP2 antibody at 5 ug/mL.



Immunofluorescence of ERAP2 in rat small intestine tissue with ERAP2 antibody at 5 ug/mL.