

Datasheet for ABIN3043415  
**anti-TAP2 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µg
Target:	TAP2
Binding Specificity:	AA 611-651, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAP2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Antigen peptide transporter 2(TAP2) detection. Tested with WB in Human.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human TAP2 (611-651aa QKQRLAIARALVRDPRVLILDEATSALDVQCEQALQDWNSR), different from the related mouse sequence by five amino acids, and from the related rat sequence by six amino acids.
Sequence:	QKQRLAIARA LVRDPRVLIL DEATSALDVQ CEQALQDWNS R
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Antigen peptide transporter 2(TAP2) detection. Tested with WB in Human.  Gene Name: transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)

## Product Details

Protein Name: Antigen peptide transporter 2

Purification: Immunogen affinity purified.

## Target Details

Target: TAP2

Alternative Name: TAP2 ([TAP2 Products](#))

Background: Transporter, ATP-binding cassette, major histocompatibility complex 2(TAP2) is a gene in humans that encodes the protein Antigen peptide transporter 2. The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. The gene is assigned to human chromosome 6p21.3. It is located 7 kb telomeric to gene family member ABCB2. The protein encoded by this gene is involved in antigen presentation. And this protein forms a heterodimer with ABCB2 in order to transport peptides from the cytoplasm to the endoplasmic reticulum.

Synonyms: ABC transporter, MHC 2 antibody|ABC18 antibody|ABCB3 antibody|Antigen peptide transporter 2 antibody|APT2 antibody|ATP binding cassette, sub family B (MDR/TAP), member 3 antibody|D6S217E antibody|Peptide supply factor 2 antibody|Peptide transporter involved in antigen processing 2 antibody|Peptide transporter PSF2 antibody|Peptide transporter TAP2 antibody|PSF 2 antibody|PSF2 antibody|Really interesting new gene 11 protein antibody|RING 11 antibody|RING11 antibody|TAP 2 antibody|Transporter 2 ATP binding cassette sub family B antibody|Transporter 2, ABC (ATP binding cassette antibody|Transporter 2, ATP binding cassette, sub family B (MDR/TAP) antibody

Gene ID: 6891

UniProt: [Q03519](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Human Leukocyte Antigen \(HLA\) in Adaptive Immune Response](#)

## Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human  
Notes: Tested Species: Species with positive results.  
Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



**Western Blotting**

**Image 1.** Observed bind size: 87KD