

Datasheet: AHP1248

BATCH NUMBER 166344

Description:	RABBIT ANTI HUMAN TAP1 (C-TERMINAL)
Specificity:	TAP1 (C-TERMINAL)
Other names:	TRANSPORTER ASSOCIATED WITH ANTIGEN PROCESSING 1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10000
Immunoprecipitation	▪			
Western Blotting	▪			1/1000
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to TAP1 (C-terminal) were raised by repeated immunisations of rabbits with highly purified antigen.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	TAP1 peptide corresponding to the C-terminal of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
External Database Links	<p>UniProt: Q03518 Related reagents</p> <p>Entrez Gene: 6890 TAP1 Related reagents</p>
Synonyms	ABCB2, PSF1, RING4, Y3
RRID	AB_2303049
Specificity	<p>Rabbit anti Human TAP1 antibody detects an epitope within the C-terminal region of human TAP1, also known as transporter associated with antigen processing 1. TAP1 is an ~81 kDa membrane-associated protein which is a member of the ATP-binding cassette (ABC) transporter superfamily and together with the homologous subunit TAP2 forms the functional TAP complex.</p> <p>TAP1 is involved in the transport of antigenic peptides from the cytosol into the endoplasmic reticulum, where they associate with major histocompatibility complex (MHC) class I molecules. These complexes are presented at the cell surface to T-lymphocytes, which identify and remove infected or malignantly transformed cells.</p> <p>Rabbit anti Human TAP1 antibody (AHP1248) does not cross react with human TAP2.</p>
Western Blotting	AHP1248 detects a band of approximately 72kDa
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP1248 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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