

## Datasheet: AHP1248

<b>Description:</b>	RABBIT ANTI HUMAN TAP1 (C-TERMINAL)
<b>Specificity:</b>	TAP1 (C-TERMINAL)
<b>Other names:</b>	TRANSPORTER ASSOCIATED WITH ANTIGEN PROCESSING 1
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to TAP1 (C-terminal) were raised by repeated immunisations of rabbits with highly purified antigen.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** TAP1 peptide corresponding to the C-terminal of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).

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## External Database

### Links

#### UniProt:

[Q03518](#)

[Related reagents](#)

#### Entrez Gene:

[6890](#)

TAP1

[Related reagents](#)

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**Synonyms** ABCB2, PSF1, RING4, Y3

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**RRID** AB\_2303049

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## Specificity

**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.

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.

Rabbit anti Human TAP1 antibody ( AHP1248) does not cross react with human TAP2.

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**Western Blotting** AHP1248 detects a band of approximately 72kDa

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**Storage** 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** For research purposes only

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## 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 \(STAR209P\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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](https://bio-rad-antibodies.com/datasheets)

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