

Datasheet: AHP1248

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	0.01% 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**

UniProt:
[Q03518](#) [Related reagents](#)

Entrez Gene:
[6890](#) TAP1 [Related reagents](#)

Synonyms ABCB2, PSF1, RING4, Y3

RRID AB_2303049

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.

Western Blotting AHP1248 detects a band of approximately 72kDa

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

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

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

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

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