

## Product datasheet for **AP05638PU-N**

### TAP1 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FC, IP, WB
Recommended Dilution:	<b>Flow Cytometry.</b> <b>ELISA:</b> 1/10,000. <b>Immunoprecipitation.</b> <b>Western Blot:</b> 1/1000. Detects a band of approximately 72kDa.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TAP1 peptide corresponding to the C-terminal of the human protein conjugated to KLH.
Specificity:	This antibody detects an epitope within the C-terminal region of Human TAP1, also known as transporter associated with antigen processing 1. This antibody does not cross react with TAP2.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.01% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)
Database Link:	<a href="#">Entrez Gene 6890 Human Q03518</a>



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**Background:**

TAP1 is an 81kD 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.

**Synonyms:**

PSF1, RING4, Y3