

TAP1 polyclonal antibody

Catalog # PAB10174 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TAP1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human TAP1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:10000) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — TAP1

Entrez GeneID

[6890](#)

Gene Name	TAP1
Gene Alias	ABC17, ABCB2, APT1, D6S114E, FLJ26666, FLJ41500, PSF1, RING4, TAP1*0102N, TAP1N
Gene Description	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)
Omim ID	170260 604571
Gene Ontology	Hyperlink
Gene Summary	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is involved in the pumping of degraded cytosolic peptides across the endoplasmic reticulum into the membrane-bound compartment where class I molecules assemble. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. [provided by RefSeq]
Other Designations	ABC transporter, MHC 1 ATP-binding cassette transporter ATP-binding cassette, sub-family B (MDR/TAP), member 2 ATP-binding cassette, sub-family B, member 2 OTTHUMP00000029077 antigen peptide transporter 1 peptide supply factor 1 transporter 1, ATP-binding

Pathway

- [ABC transporters](#)
- [Antigen processing and presentation](#)
- [Primary immunodeficiency](#)

Disease

- [Alveolitis](#)
- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiectasis](#)
- [Bronchiolitis](#)

- [Bronchopulmonary Dysplasia](#)
- [Brucellosis](#)
- [Cardiovascular Diseases](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cystic fibrosis](#)
- [Dengue](#)
- [Dengue Hemorrhagic Fever](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Echinococcosis](#)
- [Edema](#)
- [Epilepsy](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Graves Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Seropositivity](#)
- [Hypersensitivity](#)
- [Hypertension](#)

- [Infant](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Measles](#)
- [Metabolic Syndrome X](#)
- [Myoclonic Epilepsy](#)
- [Nasopharyngeal Neoplasms](#)
- [Obstetric Labor](#)
- [Papillomavirus Infections](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Schizophrenia](#)
- [Scleroderma](#)
- [Spondylitis](#)
- [Tuberculosis](#)
- [Urinary Calculi](#)
- [Uterine Cervical Neoplasms](#)