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_2PO_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 shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

Gene Info — TAP1

Entrez GeneID	6890

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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

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- 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

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- 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

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