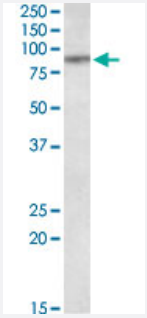
TAP1 polyclonal antibody

Catalog # PAB27600 Size 100 ug

Applications



Western Blot (Cell lysate)

TAP1 polycolnal antibody (Cat # PAB27600) (1ug/ml) staining of MCF7 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TAP1.
Immunogen	A synthetic peptide corresponding to internal region of human TAP1.
Sequence	QKFREKLQEIKT
Host	Goat
Theoretical MW (kDa)	85
Reactivity	Human
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (1-3ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

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Storage Instruction	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

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Gene Info — TAP1

Entrez GeneID	6890
Protein Accession#	NP_000584.2
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/T AP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Me mbers of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by thi s gene is involved in the pumping of degraded cytosolic peptides across the endoplasmic reticulu m into the membrane-bound compartment where class I molecules assemble. Mutations in this ge ne 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 (M DR/TAP), member 2|ATP-binding cassette, sub-family B, member 2|OTTHUMP00000029077|ant igen peptide transporter 1|peptide supply factor 1|transporter 1, ATP-binding

Pathway

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- 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

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- 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

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- Recurrence
- Respiratory Syncytial Virus Infections
- Rhinitis
- Schizophrenia
- Scleroderma
- Spondylitis
- Tuberculosis
- Urinary Calculi
- Uterine Cervical Neoplasms

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