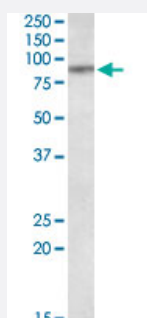


TAP1 polyclonal antibody

Catalog # PAB27600 Size 100 ug

Applications



Western Blot (Cell lysate)

TAP1 polyclonal 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)

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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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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/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](#)