

## Datasheet

### TAP2 purified MaxPab rabbit polyclonal antibody (D01P)

**Catalog Number:** H00006891-D01P

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human TAP2 protein.

**Immunogen:** TAP2 (ENSP00000372599, 1 a.a. ~ 686 a.a) full-length human protein.

**Sequence:**

MRLPDLRPWTSLLLVDAAALLWLLQGPLGTLLPQGLPG  
LWLEGLRLGGLWGLLKLRLGGLGVGTLLPLCLATPL  
TVSLRALVAGASRAPPARVASAPWSWLLVGGAAGL  
SWSLWAVLSPPGAQEKEQDQVNNKVLWRLKLSPR  
DLPLLVAFFFLVLAFLGETLIPHYSGRVIDILGGDFDPH  
AFASAIFFMCLFSFGSSLSAGCRGGCFTYTMSRINLRI  
REQLFSSLLRQDLGFFQETKTGELNSRLSSDTTLMN  
WLPLNANVLLRSLVKVVGGLYGFMLSISPRLTLLSLLHM  
PFTIAAEKVYNTRHQEVLREIQDAVARAGQVVREAVG  
GLQTVRSFGAAEEHVCRYKEALEQCRQLYWRRDLER  
ALYLLVRRVLHLGVQMLMLSCGLQQMQDGELTQGSLL  
SFMVYQESVGSYVQTLVYIYGDMLS NVGAAEKVFSYM  
DRQPNLPSPGTLAPTTLQGVVKFQDVSFAYPNRPDRP  
VLKGLTFTLRPGEVTALVGPNGSGKSTVAALLQNLQYQ  
PTGGQVLLDEKPISQYEHCYLHSQVVSQEPVLFSG  
SVRNNIAYGLQSCEDDKVMAAAQAAHADDFIQEMEHLG  
IYTDVGEKGSQLAAGQKQRLAIARALVRDPRVLILDEA  
TSALDVQCEQALQDWNSRGDRTVLVIAHRLQTVQRA  
HQILVLQEGKLQKLAQL

**Host:** Rabbit

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to

avoid repeated freezing and thawing.

**Entrez GeneID:** 6891

**Gene Symbol:** TAP2

**Gene Alias:** ABC18, ABCB3, APT2, D6S217E, PSF2, RING11

**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. This gene is located 7 kb telomeric to gene family member ABCB2. The protein encoded by this gene is involved in antigen presentation. This protein forms a heterodimer with ABCB2 in order to transport peptides from the cytoplasm to the endoplasmic reticulum. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. Alternative splicing of this gene produces two products which differ in peptide selectivity and level of restoration of surface expression of MHC class I molecules. [provided by RefSeq]