

# **International Office**

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Research Use Only. Not for diagnostic or therapeutic use.

# EB08872 - Goat Anti-TAP1 Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** TAP1, transporter 1, ATP-binding cassette, sub-family B (MDR/TAP), ABC17, ABCB2, APT1, D6S114E, FLJ26666, FLJ41500, PSF1, RING4, TAP1\*0102N, TAP1N, 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, antigen peptide transporter 1, peptide supply factor 1, transporter 1, ATP-binding cassette, sub-family B, transporter associated with antigen processing, transporter, ATP-binding cassette, major histocompatibility complex, 1

Official Symbol: TAP1

Accession Number(s): NP\_000584.2

Human GeneID(s): 6890

# **Immunogen**

Peptide with sequence C-QKFREKLQEIKT, from the internal region of the protein sequence according to NP\_000584.2.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 85kDa band observed in lysates of cell line MCF7 (calculated MW of 87.2kDa according to NP\_000584.2). Recommended concentration: 1-3μg/ml.

# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa

25kDa

20kDa

15kDa

EB08872 (1 $\mu$ g/ml) staining of MCF7 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.