

#### **International Office**

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# EB05329-T - Goat Anti-BAK1 Antibody - Trial

Size: 20µg specific antibody in 40µl



## **Target Protein**

**Principal Names:** BAK1, BCL2-antagonist/killer 1, BAK, CDN1, BCL2L7, cell death inhibitor 1, apoptosis regulator BAK, Bcl-2 homologous antagonist/killer, BAK-LIKE,

MGC117255, MGC3887, BCL2-like 7 protein, pro-apoptotic protein BAK

Official Symbol: BAK1

Accession Number(s): NP\_001179.1

Human GeneID(s): 578

Non-Human GenelD(s): 12018 (mouse), 116502 (rat)

# **Immunogen**

Peptide with sequence ASGQGPGPPRQE-C, from the N Terminus of the protein sequence according to NP\_001179.1.

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 25kDa band observed in Human Adrenal Gland lysates and in preliminary testing of HeLa and Jurkat cell lyate (calculated MW of 23.4kDa according to NP\_001179.1. Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour at room temperature.

# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB05329 staining ( $2\mu g/ml$ ) of Human Adrenal Gland lysate ( $35\mu g$  protein in RIPA buffer). Detected by chemiluminescence.