

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07412 - Goat Anti-Septin 1 / SEPT1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SEPT1, septin 1, DIFF6, LARP, MGC20394, PNUTL3, SEP1, differentiation 6 (deoxyguanosine triphosphate triphosphohydrolase), serologically defined breast cancer antigen NY-BR-24

**Official Symbol:** SEPT1

**Accession Number(s):** NP\_443070.1

**Human GeneID(s):** [1731](#)

**Non-Human GeneID(s):** 54204 (mouse), 293507 (rat)

### Immunogen

Peptide with sequence C-GARDRASRSKLSRQ, from the internal region of the protein sequence according to NP\_443070.1.

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

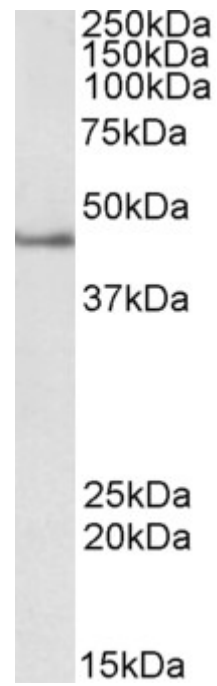
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 45kDa band observed in lysates of cell line Jurkat (calculated MW of 42.0kDa according to NP\_443070.1). Recommended concentration: 2-4µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB07412 (2 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.