



## UK Office

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

## EB08931 - Goat Anti-SEPT2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SEPT2, septin 2, DIFF6, KIAA0158, NEDD5, Pnutl3, hNedd5, neural precursor cell expressed, developmentally down-regulated 5

**Official Symbol:** SEPTIN2

**Accession Number(s):** NP\_001008491.1; NP\_001269901.1; NP\_001269902.1; NP\_001307958.1; NP\_001336231.1

**Human GeneID(s):** [4735](#)

**Non-Human GeneID(s):** 18000 (mouse), 117515 (rat)

**Important Comments:** This antibody is expected to recognise::NP\_001008491.1 (iso a); NP\_001269901.1 (iso b); NP\_001269902.1 (iso c); NP\_001307958.1; (iso d) NP\_001336231.1 (iso f).

### Immunogen

Peptide with sequence SKQQPTQFINPET-C, from the N terminus of the protein sequence according to NP\_001008491.1; NP\_001269901.1; NP\_001269902.1; NP\_001307958.1; NP\_001336231.1.

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. 40kDa band observed in Human Testis lysates (calculated MW of 41.5kDa according to NP\_001008491.1). Recommended concentration: 0.05-0.2µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Breast, Tonsil and Brain (Cortex). Recommended concentration: 2.5µg/ml.

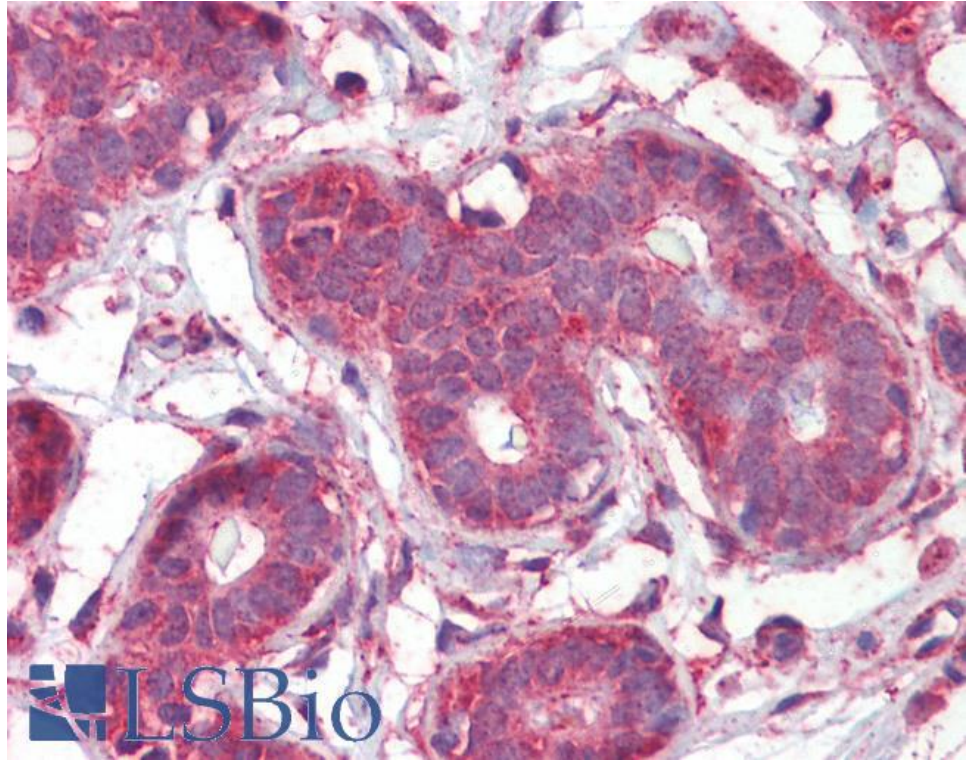
### Species Reactivity

**Tested:** Human

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

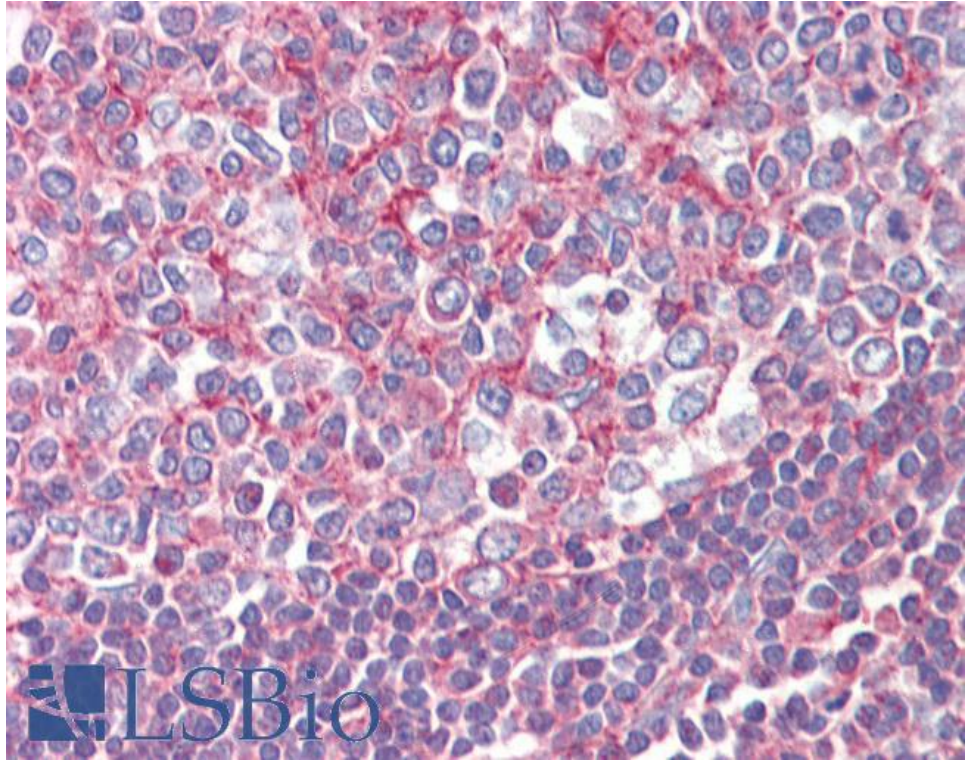
250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

EB08931 (0.05 $\mu$ g/ml) staining of Human Testis lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.

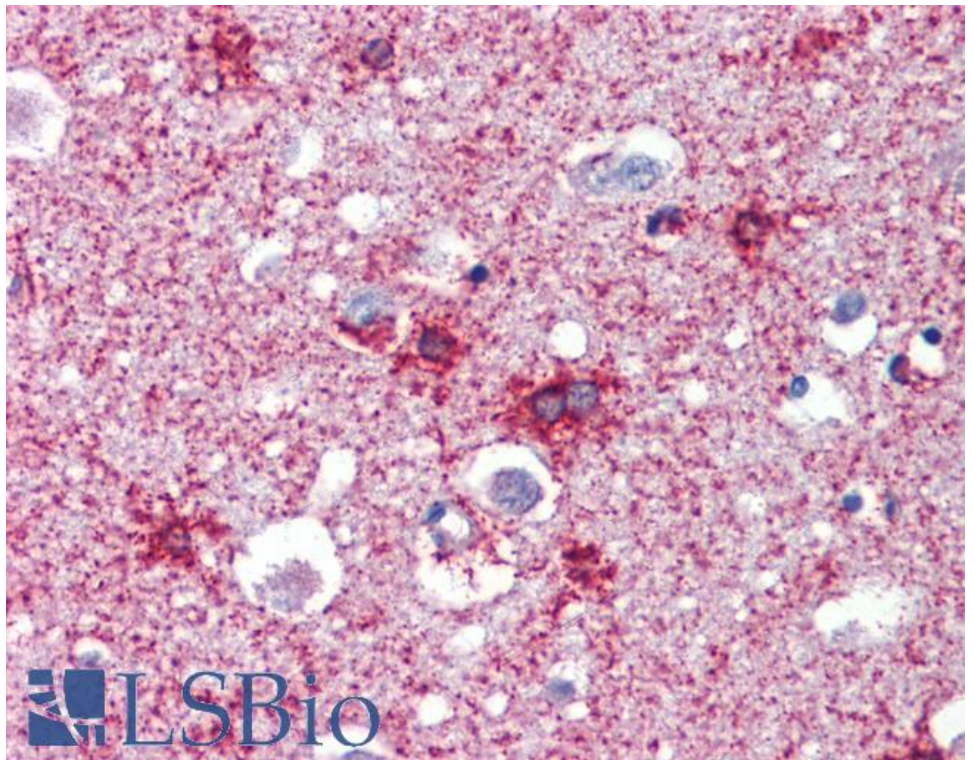


EB08931 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.





EB08931 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08931 (2.5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.