



## International Office

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

## EB06071 - Goat Anti-BAP / SIL1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SIL1, BAP, endoplasmic reticulum chaperone SIL1, homolog of yeast, BiP-associated protein, SIL1 homolog, endoplasmic reticulum chaperone (*S. cerevisiae*), MSS, ULG5, SIL1 protein

**Official Symbol:** SIL1

**Accession Number(s):** NP\_071909.1; NP\_001032722.1

**Human GeneID(s):** [64374](#)

**Important Comments:** Variants (NP\_071909.1; NP\_001032722.1) encode the same isoform.

### Immunogen

Peptide with sequence C-ELLGSVNSLLKELR, from the C Terminus of the protein sequence according to NP\_071909.1; NP\_001032722.1.

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 1:8000.

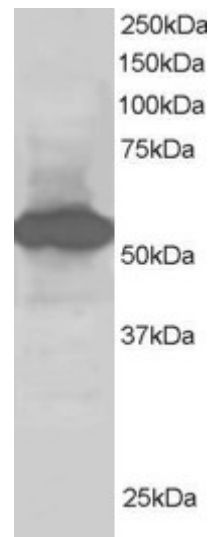
**Western blot:** Approx 55-60 kDa band observed in Human Liver and Kidney extracts (predicted MW of 53kDa according to NP\_071909.1). Recommended concentration: 1-2µg/ml.

**IHC:** Paraffin embedded Human Liver and Testis. Recommended concentration: 5µg/ml.

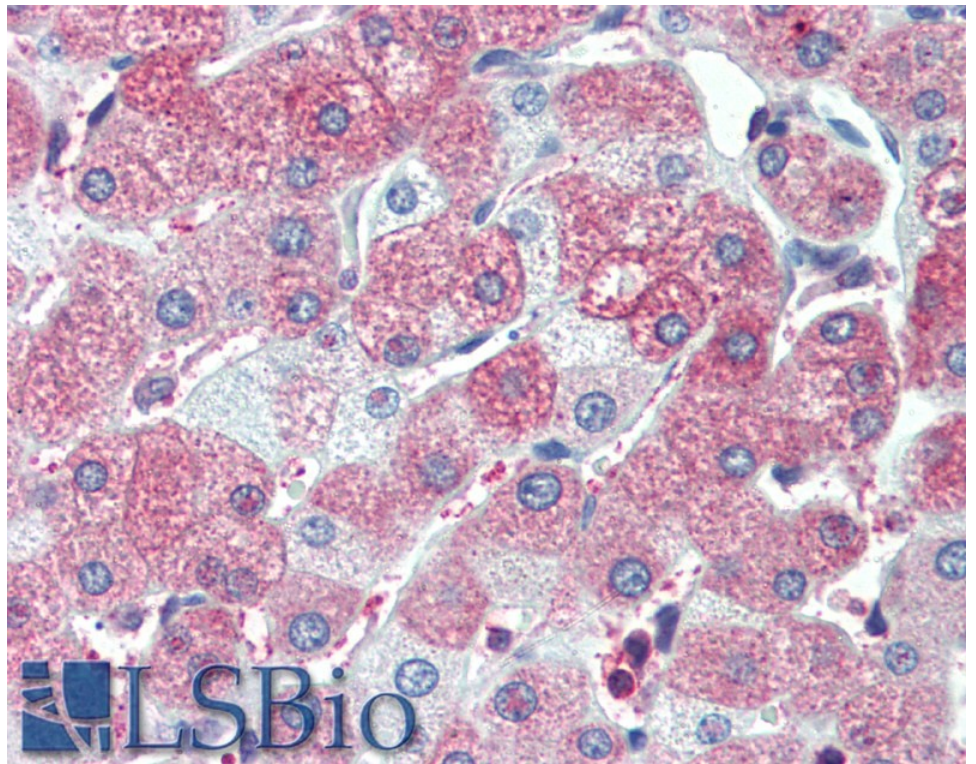
### Species Reactivity

**Tested:** Human

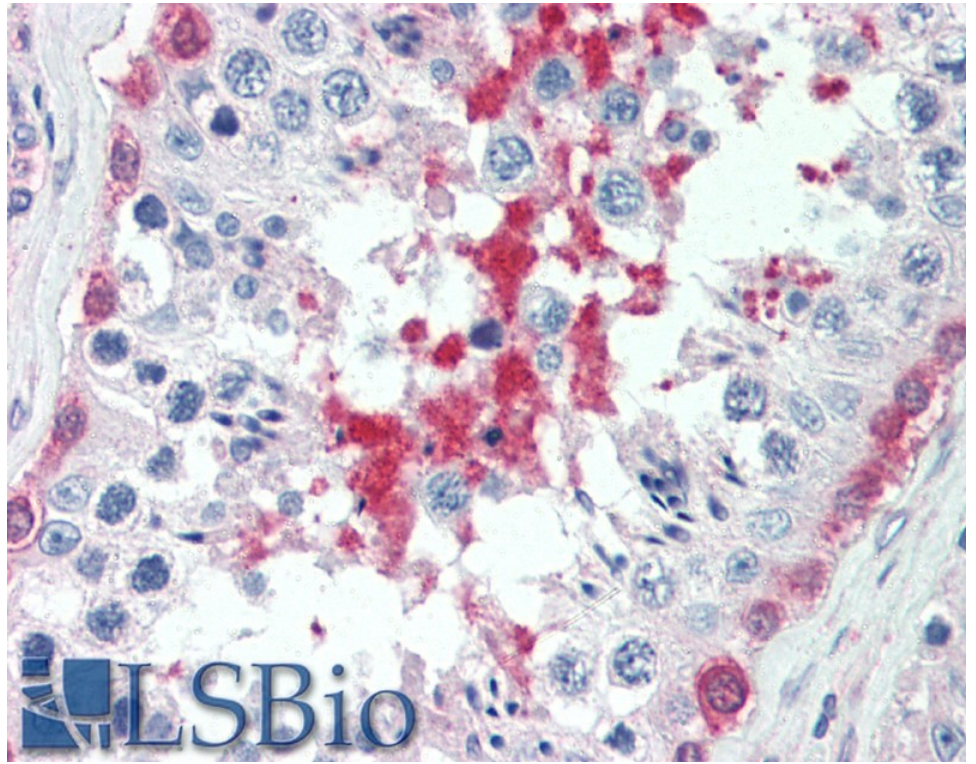
**Expected from sequence similarity:** Human



EB06071 staining (1 $\mu$ g/ml) of Human Kidney lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB06071 (5 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06071 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.