

## UK Office

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

## EB05742 - Goat Anti-SART1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SART1, squamous cell carcinoma antigen recognised by T cells, ARA1, Ara1, HOMS1, MGC2038, SART1259, Snub66, IgE autoantigen, SART1(259) protein, SART1(800) protein, U4/U6.U5 tri-snRNP-associated 110 kDa protein, squamous cell carcinoma antigen recognised by T cells, squamous cell carcinoma antigen recognized by T cells 1, SNRNP110, small nuclear ribonucleoprotein 110kDa (U4/U6.U5)

**Official Symbol:** SART1

**Accession Number(s):** NP\_005137.1

**Human GeneID(s):** [9092](#)

**Non-Human GeneID(s):** 20227 (mouse), 29678 (rat)

**Important Comments:** This antibody is expected to recognise both the human SART1(800) and SART1(259) proteins.

### Immunogen

Peptide with sequence GSSKKHRGEKEAA-C, from the N Terminus of the protein sequence according to NP\_005137.1.

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 1:64000.

**Western blot:** Approx 125kDa band observed in HeLa lysates (consistent with Vertegaal et al, below, calculated MW of 90.3 kDa according to NP\_005137). Recommended concentration: 0.03-0.1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB05742 (0.03 $\mu$ g/ml) staining of HeLa lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.