# EB05742 - Goat Anti-SART1 Antibody

Size: 100µg specific antibody in 200µl


## UK Office

**Everest Biotech Ltd**
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

**www.everestbiotech.com**




## Target Protein

**Principal Names:** SART1, squamous cell carcinoma antigen recognised by T cells, ARA1, Ara1, HOMS1, MGC2038, SART1259, Snu66, 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 (0.03µg/ml) staining of Hela lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.