International Office

Everest Biotech Ltd
Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:
customerservice@vectorlabs.com
Technical Service:
technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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, 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.