

## Goat anti-SART1 Antibody

Item Number	dAP-0521
Target Molecule	Principle Name: SART1; Official Symbol: SART1; All Names and Symbols: 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; Accession Number (s): NP_005137.1; Human Gene ID(s): 9092; Non-Human GeneID(s): 20227 (mouse) 29678 (rat)
Immunogen	GSSKKHRGEKEAA, is from N Terminus This antibody is expected to recognise both the human SART1(800) and SART1(259) proteins.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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.
IHC	
Reference	Reference(s): Vertegaal AC, Ogg SC, Jaffray E, Rodriguez MS, Hay RT, Andersen JS, Mann M, Lamond AI. A proteomic study of SUMO-2 target proteins. <i>J Biol Chem.</i> 2004 Aug 6;279(32):33791-8. Epub 2004 Jun 2..PMID: 15175327->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**