



## Goat anti-Arylsulfatase C / STS Antibody

<b>Item Number</b>	dAP-1226
<b>Target Molecule</b>	Principle Name: Arylsulfatase C / STS; Official Symbol: STS; All Names and Symbols: STS; arylsulfatase C; steroid sulfatase (microsomal), isozyme S; ARSC; ARSC1; ASC; ES; SSDD; estrone sulfatase; steryl-sulfatase; steryl-sulfate sulfohydrolase; Accession Number (s): NP_000342.2; Human Gene ID(s): 412; Non-Human GeneID(s):
<b>Immunogen</b>	QAGQKIDEPTSN, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 70kDa band observed in Human Placenta lysates (calculated MW of 65.5kDa according to NP_000342.2). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Stowell CL, Barvian KK, Young PC, Bigsby RM, Verdugo DE, Bertozzi CR, Widlanski TS. A role for sulfation-desulfation in the uptake of bisphenol a into breast tumor cells. Chem Biol. 2006 Aug;13(8):891-7..PMID: 16931338 ->

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 ender users! This product is sold for **Research Use Only**