

Rabbit anti-Human STS Polyclonal Antibody | anti-STS antibody

STS Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289427	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

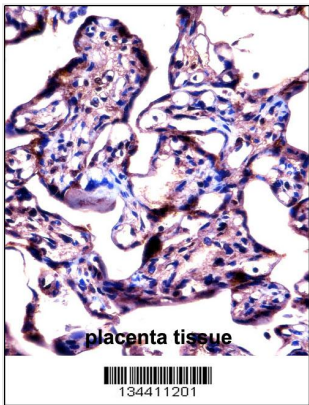
PRODUCT SYNONYMS

STS; Polyclonal Antibody; STS Antibody (C-term); Steryl-sulfatase; Arylsulfatase C; ASC; Steroid sulfatase; Steryl-sulfate sulfohydrolase; ARSC1; anti-STS antibody

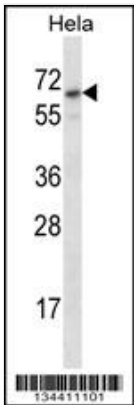
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 488-517 amino acids from the C-terminal region of human STS.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	488-517
Sequence Length	583
Applicable Applications for anti-STS antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
STS Antibody (C-term) (AAA289427)immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of STS Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
STS Antibody (C-term) western blot analysis in HeLa cell line lysates (35ug/lane).This demonstrates the STS antibody detected the STS protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-STS antibody	The protein encoded by this gene catalyzes the conversion of sulfated steroid precursors to estrogens during pregnancy. The encoded protein is found in the endoplasmic reticulum, where it acts as a homodimer. Mutations in this gene are known to cause X-linked ichthyosis (XLI).
Product Categories/Family for anti-STS antibody	Cancer; Signal Transduction
References	Chanplakorn, N., et al. Breast Cancer Res. Treat. 120(3):639-648(2010) Gruber, R., et al. J. Dermatol. Sci. 58(1):72-75(2010) Canueto, J., et al. J Eur Acad Dermatol Venereol (2010) In press : Li, J., et al. Breast Cancer Res. 12 (2), R19 (2010) : Chakrabarti, B., et al. Autism Res 2(3):157-177(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	53831991
NCBI GeneID	412
NCBI Accession #	NP_000342.2
NCBI GenBank Nucleotide #	NM_000351.4
UniProt Accession #	P08842 ; B2RA47
Molecular Weight	65492
NCBI Official Full Name	sterol-sulfatase
NCBI Official Synonym Full Names	steroid sulfatase (microsomal), isozyme S
NCBI Official Symbol	STS
NCBI Official Synonym Symbols	ES; ASC; XLI; ARSC; SSDD; ARSC1
NCBI Protein Information	sterol-sulfatase
UniProt Protein Name	Steryl-sulfatase
UniProt Gene Name	STS

UniProt Synonym Gene Names	ARSC1; ASC
UniProt Entry Name	STS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sts-antibody-immunohistochemistry-western-blot-elisa/289427>