

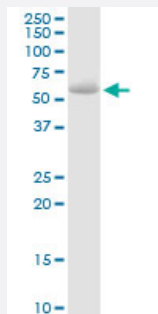
MaxPab®

STS MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000412-D01

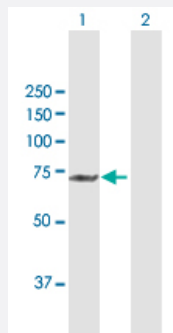
Size 100 uL

Applications



Western Blot (Tissue lysate)

STS MaxPab rabbit polyclonal antibody. Western Blot analysis of STS expression in human placenta.

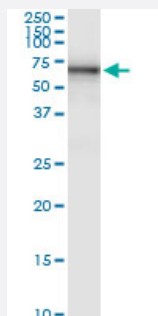


Western Blot (Transfected lysate)

Western Blot analysis of STS expression in transfected 293T cell line ([H00000412-T02](#)) by STS MaxPab polyclonal antibody.

Lane 1: STS transfected lysate(65.50 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of STS transfected lysate using anti-STS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with STS purified MaxPab mouse polyclonal antibody (B01P) ([H00000412-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human STS protein.

Immunogen	STS (NP_000342.2, 1 a.a. ~ 583 a.a) full-length human protein.
Sequence	MPLRKMKIPFLLLFFLWEAESAASRPNIILVMADDLGIGDPGCYGNKTIRTPNIDRLASGGVKLTQ HLAASPLCTPSRAAFMTGRYPVRSGLMASWSRTGVFLFTASSGGLPTDEITFAKLLKDQGYSTALI GKWHLGMSCHSKTDFCHHPLHHGFNYFYGISLTNLRDCKPGEFSVFTTGFKRLVFLPLQIVGVTLT TLAALNCLGLLHVPLGVFFSLLFLAALILTLFLGFLHYFRPLNCFMMRNYEIIQQPMSYDNLQRLTV EAAQFIQRNTETPFLLVLSYLVHTALFSSKDFAGKSQHGVDGAVEEMDWSVGQILNLLDELRL ANDTLIYFTSDQGAHVVEEVSSKGEIHGGSNGMYKGGKANNWEGGIRVPGLRWPRVIQAGQKIDEPT SNMDIFPTVAKLAGAPLPEDRIIDGRDLMPLLEGKSQRSDEHFLFYCNAYLNAVRWHPQNSTSIW KAFFFTPNFNPVGSNGCFATHVCFCFGSYVTHDPPLLFDISKDPRERNPLTPASEPRFYEILKVM QEAADRHTQTLPEVPDQFSWNNFLWKPLQLCCPSTGLSCQCDREKQDKRLSR
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

STS MaxPab rabbit polyclonal antibody. Western Blot analysis of STS expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STS expression in transfected 293T cell line ([H00000412-T02](#)) by STS MaxPab polyclonal antibody.

Lane 1: STS transfected lysate(65.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of STS transfected lysate using anti-STS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with STS purified MaxPab mouse polyclonal antibody (B01P) ([H00000412-B01P](#)).

[Protocol Download](#)

Gene Info — STS

Entrez GeneID	412
GeneBank Accession#	NM_000351.3
Protein Accession#	NP_000342.2
Gene Name	STS
Gene Alias	ARSC, ARSC1, ASC, ES, SSDD
Gene Description	steroid sulfatase (microsomal), isozyme S
Omim ID	308100
Gene Ontology	Hyperlink
Gene Summary	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). [provided by RefSeq]
Other Designations	OTTHUMP00000022868 arylsulfatase C estrone sulfatase steryl-sulfatase steryl-sulfate sulfohydrolase

Pathway

- [Androgen and estrogen metabolism](#)

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Ichthyosis](#)
- [Polycystic Ovary Syndrome](#)

- [Social Perception](#)