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Product datasheet for TA371545S

Steroid sulfatase (STS) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela cell lysate IHC: 10-50 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human STS
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	65 kDa
Gene Name:	steroid sulfatase (microsomal), isozyme S
Database Link:	Entrez Gene 412 Human P08842
Background:	This gene encodes a multi-pass membrane protein that is localized to the endoplasmic reticulum. It belongs to the sulfatase family and hydrolyzes several 3-beta-hydroxysteroid sulfates, which serve as metabolic precursors for estrogens, androgens, and cholesterol. Mutations in this gene are associated with X-linked ichthyosis (XLI). Alternatively spliced transcript variants resulting from the use of different promoters have been described for this gene.

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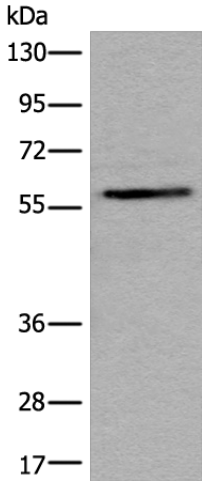
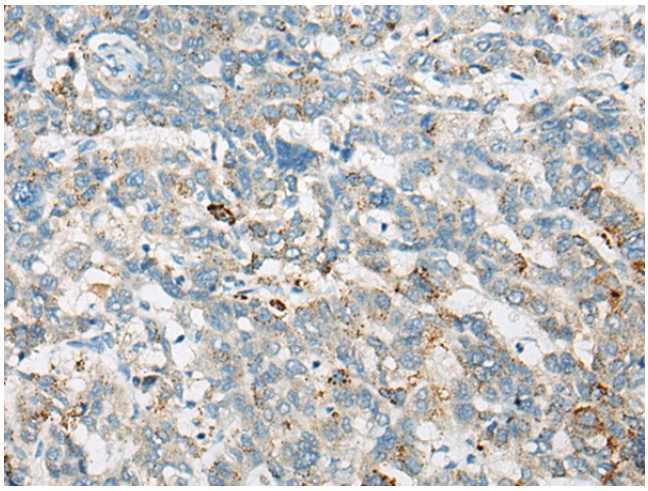
Synonyms: ARSC; ARSC1; ASC; ES; SSDD; steryl-sulfatase; XLI

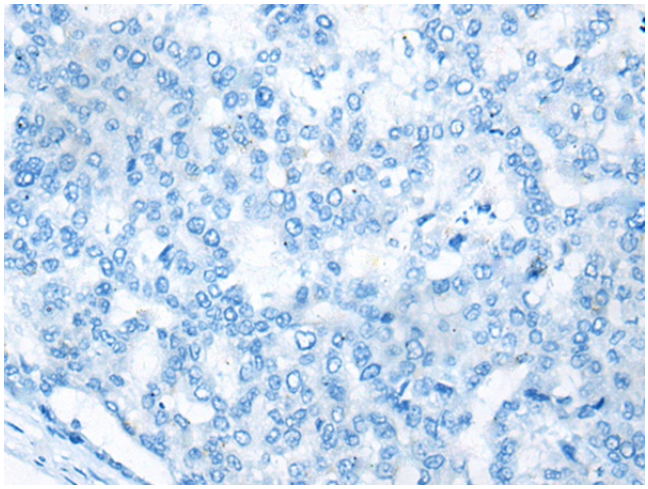
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Hela cell lysate
Primary antibody: [TA371545] (STS Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371545] (STS Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371545] (STS Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)