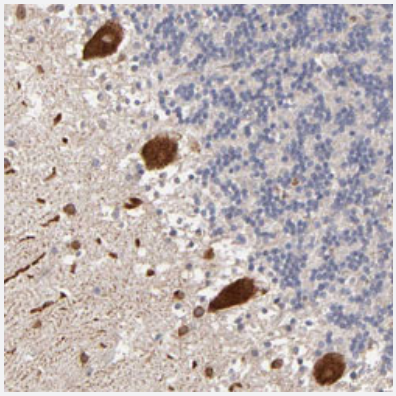
STS polyclonal antibody

Catalog # PAB28606 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with STS polyclonal antibody (Cat#PAB28606) shows strong cytoplasmic positivity in purkinje cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant STS.
Immunogen	Recombinant protein corresponding to amino acids of human STS.
Sequence	YEIIQQPMSYDNLTQRLTVEAAQFIQRNTETPFLLVLSYLHVHTALFSSKDFAGKSQHGVYGDAVEE MDWSVGQILNLLDELRLANDTLIYFTSDQGAHVEEVSSKGEIHGGSNGIY
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — STS

Entrez GeneID	412
Protein Accession#	P08842
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 estro gens 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 b y RefSeq
Other Designations	OTTHUMP00000022868|arylsulfatase C|estrone sulfatase|steryl-sulfatase|steryl-sulfate sulfohydro lase

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