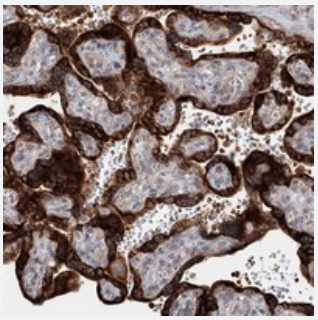
SPG20 polyclonal antibody

Catalog # PAB23388 Size 100 uL

Applications



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

Immunohistochemical staining of human placenta with SPG20 polyclonal antibody (Cat # PAB23388) shows strong cytoplasmic positivity in trophoblastic cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SPG20.
Immunogen	Recombinant protein corresponding to amino acids of human SPG20.
Sequence	AGAYMFPDTMLQAAGCFVGVVLSSELPEDDRELFEDLLRQMSDLRLQANWNRAEEENEFQIPG RTRPSSDQLKEASGTDVKQLDQGNKDVRHKGKRGKRAKDTSSE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) 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 — SPG20

Entrez GeneID	23111
Protein Accession#	Q8N0X7
Gene Name	SPG20
Gene Alias	KIAA0610, SPARTIN, TAHCCP1
Gene Description	spastic paraplegia 20 (Troyer syndrome)
Omim ID	275900 607111
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein containing a MIT (Microtubule Interacting and Trafficking molecule) d omain, and is implicated in regulating endosomal trafficking and mitochondria function. The protei n localizes to mitochondria and partially co-localizes with microtubules. Stimulation with epidermal growth factor (EGF) results in protein translocation to the plasma membrane, and the protein funct ions in the degradation and intracellular trafficking of EGF receptor. Multiple alternatively spliced v ariants, encoding the same protein, have been identified. Mutations associated with this gene cau se autosomal recessive spastic paraplegia 20 (Troyer syndrome). [provided by RefSeq
Other Designations	OTTHUMP00000018254|spartin|spastic paraplegia 20, spartin (Troyer syndrome)|spastic parapl egia autosomal recessive Troyer syndrome|trans-activated by hepatitis C virus core protein 1

Disease

- Disease Progression
- Genetic Predisposition to Disease

- Multiple Sclerosis
- Spastic Paraplegia