

SCLT1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12942b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q96NL6
Other Accession	NP_653244.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30238
Calculated MW	80910
Antigen Region	577-605

Additional Information

Gene ID	132320
Other Names	Sodium channel and clathrin linker 1, Sodium channel-associated protein 1, SCLT1, SAP1
Target/Specificity	This SCLT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 577-605 amino acids from the C-terminal region of human SCLT1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SCLT1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SCLT1
Synonyms	SAP1

Function	Adapter protein that links SCN10A to clathrin. Regulates SCN10A channel activity, possibly by promoting channel internalization (By similarity).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Localizes to the distal appendage region of the centriole, which anchors the mother centriole to the plasma membrane

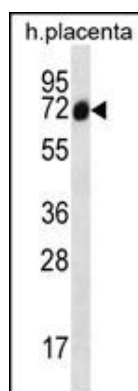
Background

SCLT1 acts as a linker protein between the voltage-gated sodium channel Na(v)1.8 (SCN10A; MIM 604427) and clathrin (see CLTC, MIM 118955) (Liu et al., 2005 [PubMed 15797711]).[supplied by OMIM].

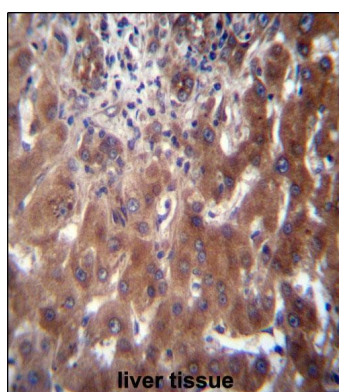
References

Liu, C., et al. Mol. Cell. Neurosci. 28(4):636-649(2005)
Tomarev, S.I., et al. Invest. Ophthalmol. Vis. Sci. 44(6):2588-2596(2003)

Images



SCLT1 Antibody (C-term) (Cat. #AP12942b) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the SCLT1 antibody detected the SCLT1 protein (arrow).



SCLT1 Antibody (C-term) (Cat. #AP12942b) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SCLT1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.