产品名称：SH3TC2 Rabbit Polyclonal Antibody
产品货号：APRab17849

产品概述（Summary）

产品名称（Production Name）	SH3TC2 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	IHC,ICC/IF,ELISA
种属反应性（Reactivity）	Human,Rat,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	SH3TC2
别名（Alternative Names）	SH3TC2; KIAA1985; PP12494; SH3 domain and tetratricopeptide repeat-containing protein 2
基因 ID（Gene ID）	79628.0
蛋白 ID（SwissProt ID）	Q8TF17.The antiserum was produced against synthesized peptide derived from human SH3TC2. AA range:390-430

产品应用（Application）

稀释比（Dilution Ratio）	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量（Molecular Weight）	

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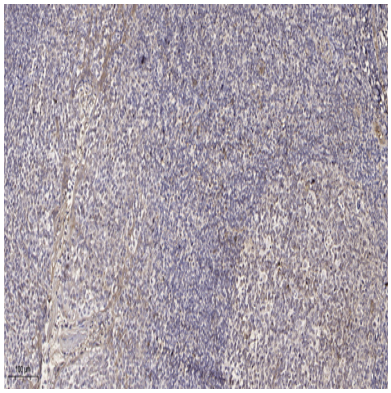
研究背景（Background）

This gene encodes a protein with two N-terminal Src homology 3 (SH3) domains and 10 tetratricopeptide repeat (TPR) motifs, and is a member of a small gene family. The gene product has been proposed to be an adapter or docking molecule. Mutations in this gene result in autosomal recessive Charcot-Marie-Tooth disease type 4C, a childhood-onset neurodegenerative disease characterized by demyelination of motor and sensory neurons. [provided by RefSeq, Jul 2008],disease:Defects in SH3TC2 are the cause of Charcot-Marie-Tooth disease type 4C (CMT4C) [MIM:601596]. CMT4C is a recessive form of Charcot-Marie-Tooth disease, the most common inherited disorder of the peripheral nervous system. Charcot-Marie-Tooth disease is classified in two main groups on the basis of electrophysiologic properties and histopathology: primary peripheral demyelinating neuropathy and primary peripheral axonal neuropathy. Demyelinating CMT neuropathies are characterized by severely reduced nerve conduction velocities (less than 38 m/sec), segmental demyelination and remyelination with onion bulb formations on nerve biopsy, slowly progressive distal muscle atrophy and weakness, absent deep tendon reflexes, and hollow feet. By convention, autosomal recessive forms of demyelinating Charcot-Marie-Tooth disease are designated CMT4. CMT4C is characterized by onset in childhood, early-onset scoliosis and a distinct Schwann cell pathology.,similarity:Contains 1 SH3 domain.,similarity:Contains 8 TPR repeats.,tissue specificity:Strongly expressed in brain and spinal cord. Expressed at equal level in spinal cord and sciatic nerve. Weakly expressed in striated muscle.,

研究领域（Research Area）

Neuroscience; Cell Type Marker; Neuron marker; Axon marker

图片（Image Data）



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200（4° overnight）. 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200（room temperature, 30min）.

注意事项（Note）

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