产品名称：CD231 Rabbit Polyclonal Antibody
产品货号：APRab08293

产品概述（Summary）

产品名称（Production Name）	CD231 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,Mouse,Rat

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）	TSPAN7 A15 DXS1692E MXS1 TM4SF2
别名（Alternative Names）	Tetraspanin-7 (Tspan-7;Cell surface glycoprotein A15;Membrane component chromosome X surface marker 1;T-cell acute lymphoblastic leukemia-associated antigen 1;TALLA-1;Transmembrane 4 superfamily member 2;CD antigen CD231)
基因 ID（Gene ID）	7102.0
蛋白 ID（SwissProt ID）	P41732.Synthetic peptide from human protein at AA range: 101-150

产品应用（Application）

稀释比（Dilution Ratio）	IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量（Molecular Weight）	

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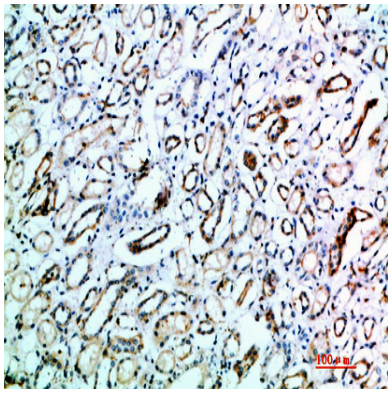
研究背景（Background）

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and may have a role in the control of neurite outgrowth. It is known to complex with integrins. This gene is associated with X-linked mental retardation and neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy. [provided by RefSeq, Jul 2008],disease:Defects in TSPAN7 are the cause of mental retardation X-linked type 58 (MRX58) [MIM:300210]. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.,function:May be involved in cell proliferation and cell motility.,similarity:Belongs to the tetraspanin (TM4SF) family.,tissue specificity:Not solely expressed in T-cells. Expressed in acute myelocytic leukemia cells of some patients.,

研究领域（Research Area）

图片（Image Data）



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

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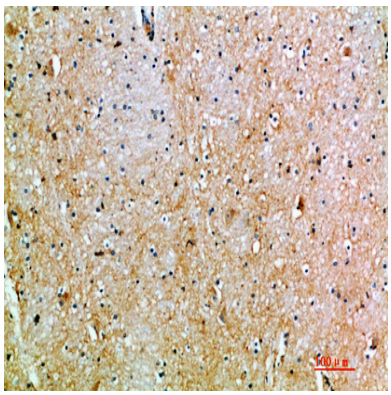

Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

注意事项（Note）

For research use only .