Product Name: CD231 Rabbit Polyclonal Antibody
Catalog #: APRab08293

Summary

Production Name	CD231 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TSPAN7 A15 DXS1692E MXS1 TM4SF2
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)
Gene ID	7102.0
SwissProt ID	P41732.Synthetic peptide from human protein at AA range: 101-150

Application

Dilution Ratio	IHC 1:50-200, ELISA 1:10000-20000.
Molecular Weight	

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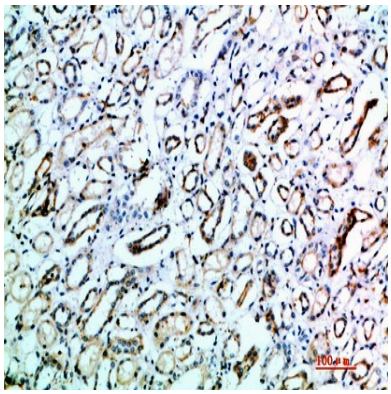
Background

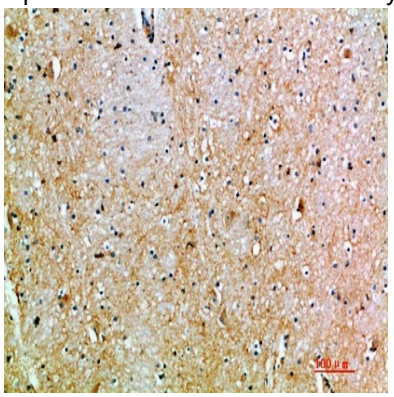
The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in 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.,

Research Area

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

Note

For research use only.