

Product Name: CD231 Rabbit Polyclonal Antibody
Catalog #: APRab08293



Summary

Production Name	CD231 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,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

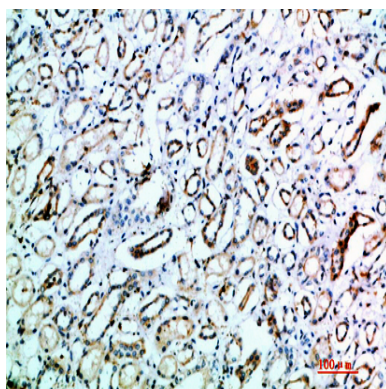
Dilution Ratio	IHC-P 1:50-200, ELISA 1:10000-20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	

Background

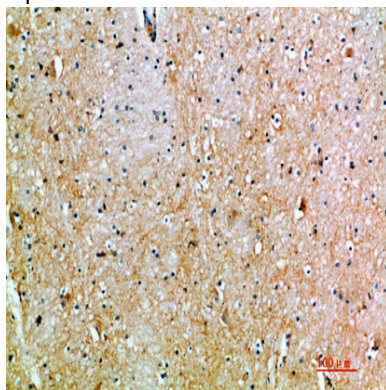
The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in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



Product Name: CD231 Rabbit Polyclonal Antibody
Catalog #: APRab08293



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

Note

For research use only.