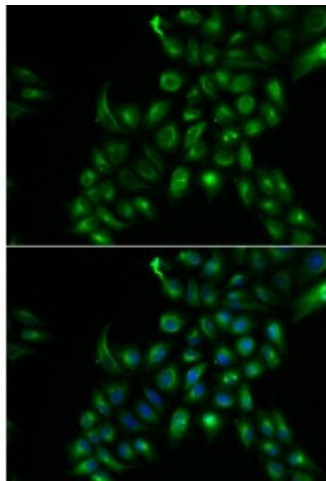


Anti-TSPAN7 Antibody



Description

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.

Model	STJ115515
Host	Rabbit
Reactivity	Human
Applications	IF
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 110-249 of human TSPAN7 (NP_004606.2).
Gene ID	7102
Gene Symbol	TSPAN7
Dilution range	IF 1:50 - 1:200
Tissue Specificity	Not solely expressed in T-cells, Expressed in acute myelocytic leukemia cells of some patients
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	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
Molecular Weight	27.574 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11854 OMIM:300096 Reactome:R-HSA-202733
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
Function	May be involved in cell proliferation and cell motility
Cellular Localization	Membrane

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