

Anti-Human/Mouse/Rat CD231 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04846

3th Edition

Description: TSPAN7 (Tetraspanin 7) is a Protein Coding gene. Diseases associated with TSPAN7 include Non-Syndromic X-Linked Intellectual Disability and Miliaria Rubra. Among its related pathways are Trafficking of AMPA receptors and Transcriptional misregulation in cancer. An important paralog of this gene is ENSG00000250349. 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.

Antigen: Synthetic peptide from human protein

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Not solely expressed in T-cells. Expressed in acute myelocytic leukemia cells of some patients.