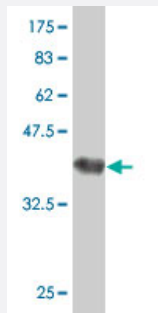


TSPAN7 polyclonal antibody (A01)

Catalog # H00007102-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TSPAN7.
Immunogen	TSPAN7 (NP_004606, 113 a.a. ~ 212 a.a) partial recombinant protein with GST tag.
Sequence	RHEIKDTFLRTYTDAMQTYNGNDERSRAVDHVQRSLSCCGVQNYTNWSTSPYFLEHGIPPSCCM NETDCNPQDLHNLTVAAATKVNQKGCYDLVTSFMETN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (95)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TSPAN7

Entrez GeneID [7102](#)

GeneBank Accession# [NM_004615](#)

Protein Accession# [NP_004606](#)

Gene Name TSPAN7

Gene Alias A15, CCG-B7, CD231, DXS1692E, MRX58, MXS1, TALLA-1, TM4SF2, TM4SF2b

Gene Description tetraspanin 7

Omim ID [300096](#) [300210](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations

CD231 antigen|T-cell acute lymphoblastic leukemia associated antigen 1|cell surface glycoprotein A15|membrane component, X chromosome, surface marker 1|tetraspanin protein|transmembrane 4 superfamily 2b|transmembrane 4 superfamily member 2|transmembrane p

Disease

- [Autistic Disorder](#)
- [Mental Retardation](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)