



## Anti-TSPAN7 (aa 113-212) polyclonal antibody (DPAB-DC3078)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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 Huntingtons chorea, fragile X syndrome and myotonic dystrophy.
<b>Immunogen</b>	TSPAN7 (NP_004606, 113 a.a. ~ 212 a.a) partial recombinant protein with GST tag. The sequence is  RHEIKDTFLRTYTDAMQTYNGNDERSRAVDHVQRSLSCCGVQNYTNWSTSPYFLEHGIPP SCCMNETDCNPQDLHNLTVAAATKVNQKGCYDLVTSFMETN
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">TSPAN7 tetraspanin 7 [ Homo sapiens (human) ]</a>
Official Symbol	TSPAN7
Synonyms	TSPAN7; tetraspanin 7; A15; MXS1; CD231; MRX58; CCG-B7; TM4SF2; TALLA-1; TM4SF2b; DXS1692E; tetraspanin-7; tspan-7; CD231 antigen; tetraspanin protein; transmembrane protein A15; cell surface glycoprotein A15; transmembrane 4 superfamily 2b; transmembrane 4 superfamily member 2; membrane component chromosome X surface marker 1; membrane component, X chromosome, surface marker 1; T-cell acute lymphoblastic leukemia associated antigen 1; T-cell acute lymphoblastic leukemia-associated antigen 1;
Entrez Gene ID	<a href="#">7102</a>
Protein Refseq	<a href="#">NP_004606</a>
UniProt ID	<a href="#">P41732</a>
Chromosome Location	Xp11.4
Pathway	Transcriptional misregulation in cancer;