

TSPAN7 rabbit monoclonal antibody

Catalog # H00007102-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TSPAN7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TSPAN7 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TSPAN7 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TSPAN7

Entrez GeneID	7102
GeneBank Accession#	TSPAN7
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](#)