

# Product datasheet

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# ARG57706 anti-TSPAN7 antibody

Package: 100 μl Store at: -20°C

### Summary

Product Description Rabbit Polyclonal antibody recognizes TSPAN7

Tested Reactivity Ms, Rat

Tested Application ICC/IF, WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name TSPAN7
Species Human

Immunogen Recombinant protein of Human TSPAN7.

Conjugation Un-conjugated

Alternate Names A15; CCG-B7; Tetraspanin-7; Transmembrane 4 superfamily member 2; CD antigen CD231; TM4SF2;

Tspan-7; Cell surface glycoprotein A15; TM4SF2b; CD231; DXS1692E; Membrane component chromosome X surface marker 1; T-cell acute lymphoblastic leukemia-associated antigen 1; TALLA-1;

MRX58; MXS1

## **Application Instructions**

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat lung	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol TSPAN7

Gene Full Name tetraspanin 7

Background 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, Jul

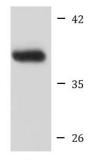
2008

Function May be involved in cell proliferation and cell motility. [UniProt]

Calculated Mw 28 kDa

Cellular Localization Membrane, Multi-pass membrane protein. [UniProt]

#### **Images**



# Rat lung

#### ARG57706 anti-TSPAN7 antibody WB image

Western blot: 25  $\mu g$  of Rat lung lysate stained with ARG57706 anti-TSPAN7 antibody at 1:1000 dilution.