

## 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	

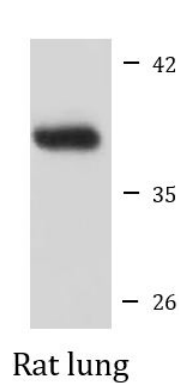
### Properties

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



ARG57706 anti-TSPAN7 antibody WB image

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