

## Rabbit TSPAN31 Polyclonal Antibody | anti-TSPAN31 antibody

TSPAN31 antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                  | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------|------------------------------------|
| AAA199733 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat | Immunohistochemistry, Western Blot |

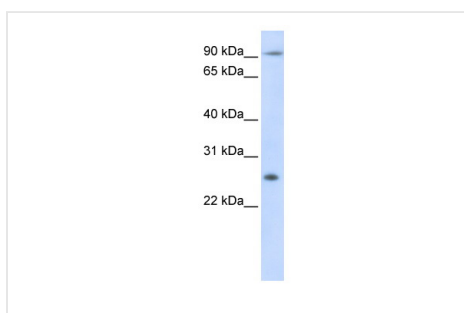
### PRODUCT SYNONYMS

TSPAN31; Polyclonal Antibody; TSPAN31 antibody - middle region; anti-TSPAN31 antibody

### PRODUCT SPECIFICATIONS

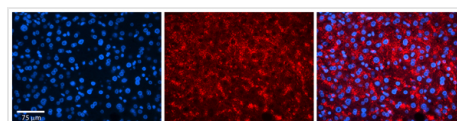
|                                                   |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                |
| Reactivity                                        | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat                                                                                           |
| Clonality                                         | Polyclonal                                                                                                                                            |
| Purity/Purification                               | Affinity Purified                                                                                                                                     |
| Form/Format                                       | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                          | Synthetic peptide with the following region: CT AICKSQSPTC QMCGEKFLKH SDEALKILGG VGLFFSFTEI LGVWLAMR                                                  |
| Sequence Length                                   | 210                                                                                                                                                   |
| Applicable Applications for anti-TSPAN31 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                          | Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 86%; Rat: 93%                                          |
| Immunogen                                         | The immunogen is a synthetic peptide directed towards the middle region of human TSPAN31                                                              |
| Preparation and Storage                           | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-TSPAN31 Antibody Titration: 0.2-1 ug/ml  
 ELISA Titer: 1:62500  
 Positive Control: Human Muscle



#### IHC (Immunohistochemistry)

Rabbit Anti-TSPAN31 Antibody  
 Formalin Fixed Paraffin Embedded Tissue: Human Liver  
 Tissue Observed Staining: Plasma membrane and cytoplasm in hepatocytes  
 Primary Antibody Concentration: N/A  
 Other Working Concentrations: 1:600  
 Secondary Antibody: Donkey anti-Rabbit-Cy3  
 Secondary Antibody Concentration: 1:200  
 Magnification: 20X  
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TSPAN31 antibody | <p>This is a rabbit polyclonal antibody against TSPAN31. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: TSPAN31 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 thought to be involved in growth-related cellular processes. This gene is associated with tumorigenesis and osteosarcoma.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 thought to be involved in growth-related cellular processes. This gene is associated with tumorigenesis and osteosarcoma.</p> |
| Product Categories/Family for anti-TSPAN31 antibody   | Polyclonal; Signal Proteins; Membrane Protein; Developmental Biology; Signal Transduction; Membrane & Traffic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                          |
|----------------------------------|--------------------------|
| NCBI GI #                        | 5174667                  |
| NCBI GeneID                      | 6302                     |
| NCBI Accession #                 | NP_005972                |
| NCBI GenBank Nucleotide #        | NM_005981                |
| UniProt Accession #              | Q12999                   |
| Molecular Weight                 | 23kDa                    |
| NCBI Official Full Name          | tetraspanin-31 isoform 1 |
| NCBI Official Synonym Full Names | tetraspanin 31           |
| NCBI Official Symbol             | TSPAN31                  |
| NCBI Official Synonym Symbols    | SAS                      |
| NCBI Protein Information         | tetraspanin-31           |
| UniProt Protein Name             | Tetraspanin-31           |
| UniProt Gene Name                | <b>TSPAN31</b>           |
| UniProt Synonym Gene Names       | SAS                      |
| UniProt Entry Name               | TSN31_HUMAN              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tspan31-antibody-immunohistochemistry-western-blot-elisa/199733>