

## Rabbit anti-Human TSPAN8 Polyclonal Antibody | anti-TSPAN8 antibody

TSPAN8 Antibody

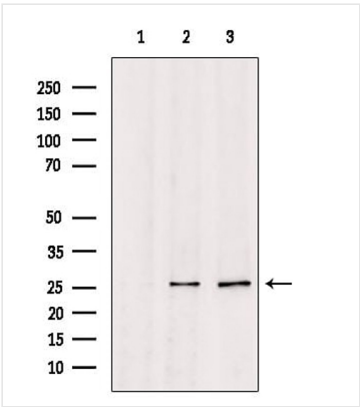
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA320993 | Rabbit | Human      | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

TSPAN8; Polyclonal Antibody; TSPAN8 Antibody; anti TSPAN8; CO029; Tetraspanin 8; Tetraspanin-8; TM4SF3; Transmembrane 4 superfamily member 3; TSN8\_HUMAN; Tspan 8; Tspan-8; TSPAN8 antibody; Tumor associated antigen CO 029; Tumor-associated antigen CO-029; anti-TSPAN8 antibody

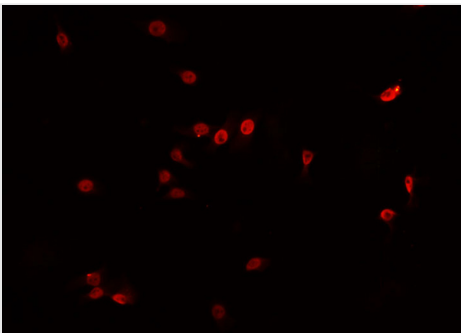
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                        |
| Reactivity                                       | Human                                                                                         |
| Clonality                                        | Polyclonal                                                                                    |
| Isotype                                          | IgG                                                                                           |
| Specificity                                      | TSPAN8 antibody detects endogenous levels of total TSPAN8                                     |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                  | 237                                                                                           |
| Applicable Applications for anti-TSPAN8 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                        | A synthesized peptide derived from human TSPAN8                                               |
| Subcellular Location                             | Membrane.                                                                                     |
| Tissue Specificity                               | Gastric, colon, rectal, and pancreatic carcinomas.                                            |
| Conjugation                                      | Unconjugated                                                                                  |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                             |



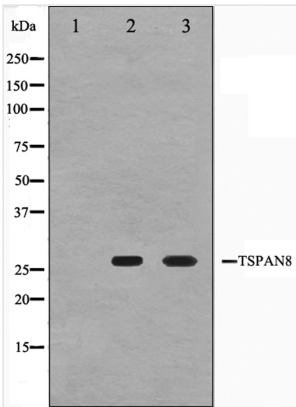
WB (Western Blot)

Western blot analysis of extracts from various samples, using TSPAN8 Antibody. Lane 1: 293 treated with blocking peptide. Lane 2: 293; Lane 3: HUVEC;



IF (Immunofluorescence)

AAA320993 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis on Jurkat and K562 cell lysate using TSPAN8 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TSPAN8 antibody | Description: TSPAN8 Belongs to the tetraspanin (TM4SF) family.<br>Similarity: Belongs to the tetraspanin (TM4SF) family. |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 4759238                               |
| NCBI GeneID                      | 7103                                  |
| NCBI Accession #                 | NP_004607.1                           |
| NCBI GenBank Nucleotide #        | NM_004616.2                           |
| UniProt Accession #              | P19075; Q9BS78; B2R7T7                |
| Molecular Weight                 | Observed: 26 kDa<br>Predicted: 27 kDa |
| NCBI Official Full Name          | tetraspanin-8                         |
| NCBI Official Synonym Full Names | tetraspanin 8                         |
| NCBI Official Symbol             | TSPAN8                                |
| NCBI Official Synonym Symbols    | CO-029; TM4SF3                        |

|                            |                 |
|----------------------------|-----------------|
| NCBI Protein Information   | tetraspanin-8   |
| UniProt Protein Name       | Tetraspanin-8   |
| UniProt Gene Name          | <b>TSPAN8</b>   |
| UniProt Synonym Gene Names | TM4SF3; Tspan-8 |

**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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