

## Rabbit anti-Human, Mouse Transgelin 2 Polyclonal Antibody | anti-TAGLN2 antibody

Transgelin 2 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA322880 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

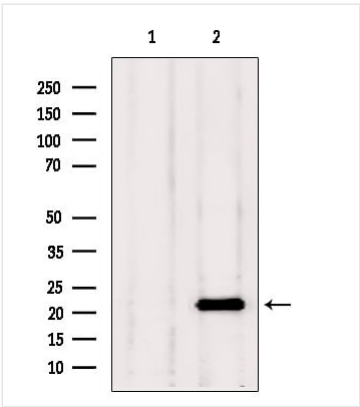
### PRODUCT SYNONYMS

Transgelin 2; Polyclonal Antibody; Transgelin 2 Antibody; CDABP0035; epididymis tissue protein Li 7e; HA1756; KIAA0120; SM22-alpha homolog; TAGL2\_HUMAN; Tagln2; Transgelin-2; anti-TAGLN2 antibody

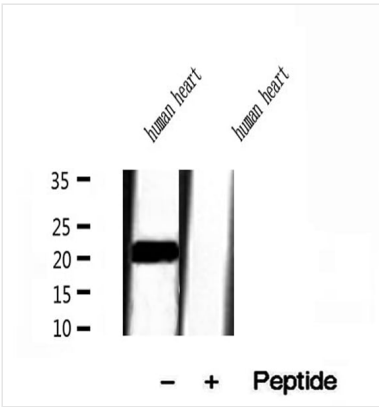
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                   |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                            |
| Reactivity                                       | Human, Mouse                                                                                      |
| Clonality                                        | Polyclonal                                                                                        |
| Isotype                                          | IgG                                                                                               |
| Specificity                                      | Transgelin 2 antibody detects endogenous levels of Transgelin 2.                                  |
| 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                                  | 199                                                                                               |
| Applicable Applications for anti-TAGLN2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                     |
| Immunogen                                        | A synthesized peptide derived from human Transgelin 2.                                            |
| Tissue Specificity                               | Expressed in epididymis (at protein level).                                                       |
| Predicted Cross Reactivity                       | <b>Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog</b>                                          |
| Similarity                                       | Pig (100%), Zebrafish (82%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%) |
| Conjugation                                      | Unconjugated                                                                                      |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                                 |

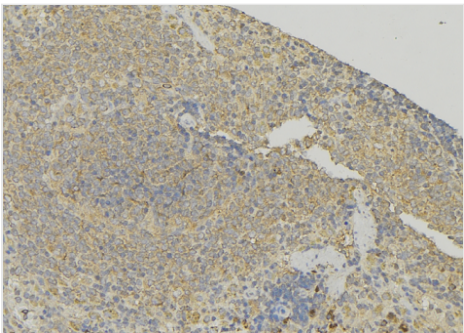
IMAGES



**WB (Western Blot)**  
Western blot analysis of extracts from rat brain, using Transgelin 2 antibody. Lane 1 was treated with the blocking peptide.



**WB (Western Blot)**  
Western blot analysis of extracts of human heart tissue, using Transgelin 2 antibody.



**IHC (Immunohistochemistry)**  
AAA322880 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

|                                                      |                                             |
|------------------------------------------------------|---------------------------------------------|
| Related Product Information for anti-TAGLN2 antibody | Similarity: Belongs to the calponin family. |
|------------------------------------------------------|---------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 469608407                                              |
| NCBI GeneID                      | 8407                                                   |
| NCBI Accession #                 | NP_001264152.1                                         |
| NCBI GenBank Nucleotide #        | NM_001277223.1                                         |
| UniProt Accession #              | P37802; Q5JRQ6; Q5JRQ7; Q6FGI1; Q9BUH5; Q9H4P0; E9KL39 |
| Molecular Weight                 | Observed: 22 kDa<br>Predicted: 23 kDa                  |
| NCBI Official Full Name          | transgelin-2 isoform b                                 |
| NCBI Official Synonym Full Names | transgelin 2                                           |
| NCBI Official Symbol             | TAGLN2                                                 |
| NCBI Official Synonym Symbols    | HA1756                                                 |

|                            |               |
|----------------------------|---------------|
| NCBI Protein Information   | transgelin-2  |
| UniProt Protein Name       | Transgelin-2  |
| UniProt Gene Name          | <b>TAGLN2</b> |
| UniProt Synonym Gene Names | KIAA0120      |

**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://stage.aaabiotech.com/polyclonal/transgelin-2-antibody-immunohistochemistry-western-blot-elisa/322880>