

**Anti-TPC1 antibody (20-100 aa) (STJ13102526)**

STJ13102526

**GENERAL INFORMATION**

|                          |                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                   |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-TPC1 (20-100 aa) is suitable for use in Immunohistochemistry and Western Blot research applications. |
| <b>Applications</b>      | IHC/WB                                                                                                                               |
| <b>Host/Source</b>       | Rabbit                                                                                                                               |
| <b>Reactivity</b>        | Rat/Mouse/Human                                                                                                                      |

**PRODUCT PROPERTIES**

|                       |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>      | Polyclonal                                                                                                                                                                             |
| <b>Clone ID</b>       |                                                                                                                                                                                        |
| <b>Concentration</b>  |                                                                                                                                                                                        |
| <b>Conjugation</b>    | Unconjugated                                                                                                                                                                           |
| <b>Purification</b>   | IgG purified                                                                                                                                                                           |
| <b>Dilution Range</b> | IHC, WB (confirmed by recombinant protein). A dilution of 1:300 to 1:2000 is recommended. The optimal dilution should be determined by the end user. Not tested in other applications. |
| <b>Formulation</b>    | Lyophilised                                                                                                                                                                            |
| <b>Isotype</b>        | IgG                                                                                                                                                                                    |
| <b>Storage</b>        | Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term.                                                  |
| <b>Instruction</b>    | When reconstituting, Glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.                                                                            |

**TARGET INFORMATION**

|                           |                                                                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            |                                                                                                                                                                  |
| <b>Gene Symbol</b>        |                                                                                                                                                                  |
| <b>Uniprot ID</b>         |                                                                                                                                                                  |
| <b>Immunogen</b>          | A synthetic peptide from aa region 20-100 of rat TPC1 (Two pore calcium channel protein 1) conjugated to an immunogenic carrier protein was used as the antigen. |
| <b>Immunogen Region</b>   | 20-100 aa                                                                                                                                                        |
| <b>Specificity</b>        | Specific for TPC1.                                                                                                                                               |
| <b>Immunogen Sequence</b> |                                                                                                                                                                  |