

## Rabbit anti-Human pS2 Polyclonal Antibody | anti-pS2 antibody

pS2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                |
|-----------|--------|------------|-----------------------------|
| AAA173891 | Rabbit | Human      | ELISA, Immunohistochemistry |

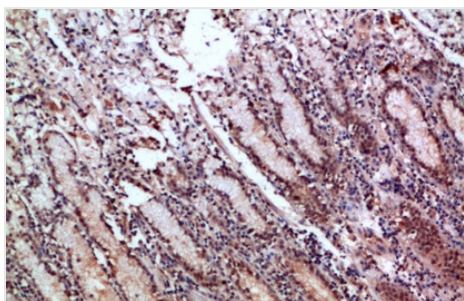
### PRODUCT SYNONYMS

pS2; Polyclonal Antibody; pS2 Polyclonal Antibody; Trefoil factor 1 (Breast cancer estrogen-inducible protein) (PNR-2) (Polypeptide P1.A) (hP1.A) (Protein pS2); anti-pS2 antibody

### PRODUCT SPECIFICATIONS

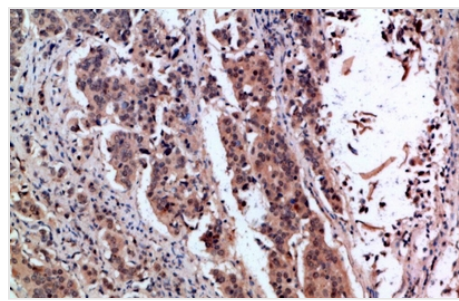
|                                               |                                                      |
|-----------------------------------------------|------------------------------------------------------|
| Host                                          | Rabbit                                               |
| Reactivity                                    | Human                                                |
| Clonality                                     | Polyclonal                                           |
| Isotype                                       | IgG                                                  |
| Purity/Purification                           | Affinity Purification                                |
| Concentration                                 | 1mg/mL (varies by lot)                               |
| Sequence Length                               | 84                                                   |
| Applicable Applications for anti-pS2 antibody | ELISA, IHC (Immunohistochemistry)                    |
| Immunogen                                     | Synthetic peptide from human protein                 |
| Buffer                                        | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze / thaw cycles.   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human stomach tissue using pS2 Polyclonal Antibody at dilution of 1:200.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using pS2 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-pS2 antibody | Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer, and affect healing of the epithelium. This gene, which is expressed in the gastric mucosa, has also been studied because of its expression in human tumors. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 4507451                               |
| NCBI GeneID                      | 7031                                  |
| NCBI Accession #                 | NP_003216.1                           |
| NCBI GenBank Nucleotide #        | NM_003225.2                           |
| UniProt Accession #              | P04155                                |
| Molecular Weight                 | 9,150 Da                              |
| NCBI Official Full Name          | trefoil factor 1                      |
| NCBI Official Synonym Full Names | trefoil factor 1                      |
| NCBI Official Symbol             | TFF1                                  |
| NCBI Official Synonym Symbols    | pS2; BCEI; HPS2; HP1.A; pNR-2; D21S21 |
| NCBI Protein Information         | trefoil factor 1                      |
| UniProt Protein Name             | Trefoil factor 1                      |
| UniProt Gene Name                | TFF1                                  |
| UniProt Synonym Gene Names       | BCEI; PS2; hP1.A                      |

**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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