

# Anti-Spasmolysin Antibody

Catalog # AP51982

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q03403</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 14284                  |

## Additional Information

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|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 7032                                                                                                                                       |
| Other Names        | SML1; Trefoil factor 2; Spasmolysin; Spasmolytic polypeptide; SP                                                                           |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Spasmolysin. The exact sequence is proprietary. |
| Dilution           | WB~~WB (1/500 - 1/1000)                                                                                                                    |
| Format             | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                  |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                                                  |

## Protein Information

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| Name              | TFF2                                                                                                                                                                                                                                                 |
| Synonyms          | SML1                                                                                                                                                                                                                                                 |
| Function          | Inhibits gastrointestinal motility and gastric acid secretion. Could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains (By similarity). |
| Cellular Location | Secreted.                                                                                                                                                                                                                                            |
| Tissue Location   | Stomach.                                                                                                                                                                                                                                             |

## References

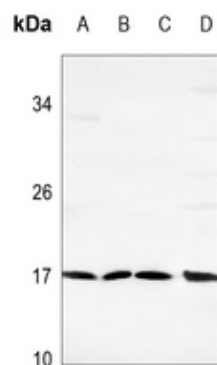
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Tomasetto C.,et al.EMBO J. 9:407-414(1990).

Seib T.,et al.Genomics 40:200-202(1997).  
Berry A.,et al.Genomics 68:22-29(2000).

## Images

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Western blot analysis of Spasmodysin expression in HEK293T (A), mouse liver (B), rat liver (C), rat brain (D) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 17 kD)

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