



Datasheet for ABIN7009475

## anti-TAC1 antibody



[Go to Product page](#)

### 1 Image

#### Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 60 µL                               |
| Target:      | TAC1                                |
| Reactivity:  | Human                               |
| Host:        | Rabbit                              |
| Clonality:   | Polyclonal                          |
| Conjugate:   | This TAC1 antibody is un-conjugated |
| Application: | Western Blotting (WB)               |

#### Product Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant fusion protein of human TAC1 (NP_003173.1). |
| Isotype:         | IgG   |
| Characteristics: | Polyclonal Antibody                                     |
| Purification:    | Affinity purification                                   |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | TAC1   |
| Alternative Name: | TAC1 ( <a href="#">TAC1 Products</a> )   |
| Background:       | This gene encodes four products of the tachykinin peptide hormone family, substance P and neurokinin A, as well as the related peptides, neuropeptide K and neuropeptide gamma. These hormones are thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells. They are known to induce behavioral responses and function as |

## Target Details

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vasodilators and secretagogues. Substance P is an antimicrobial peptide with antibacterial and antifungal properties. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: Observed\_MW: 17 kDa  
Calculated\_MW: 11 kDa/13 kDa/15 kDa

Gene ID: 6863

UniProt: [P20366](#)

## Application Details

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Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

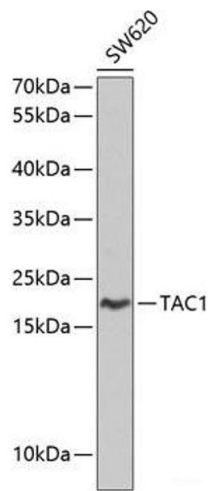
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of SW620 cells using TAC1 Polyclonal Antibody at dilution of 1:1000.