

## Anti-TRIM24 antibody

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>Cat. No.</b> | ml262360                                                |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                        |
|---------------------|----------------------------------------|
| <b>Description</b>  | Anti-TRIM24 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB, IHC                         |
| <b>Immunogen</b>    | Synthetic peptide of human TRIM24      |
| <b>Reactivity</b>   | Human, Mouse                           |
| <b>Content</b>      | 0.7 mg/ml                              |
| <b>Host species</b> | Rabbit                                 |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG          |
| <b>Purification</b> | Antigen affinity purification          |

### Target information

|                  |                                |
|------------------|--------------------------------|
| <b>Symbol</b>    | TRIM24                         |
| <b>Full name</b> | tripartite motif containing 24 |

**Synonyms** PTC6; TF1A; TIF1; RNF82; TIF1A; hTIF1; TIF1ALPHA

**Swissprot** O15164

#### **Target Background**

The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains - a RING, a B-box type 1 and a B-box type 2 - and a coiled-coil region.

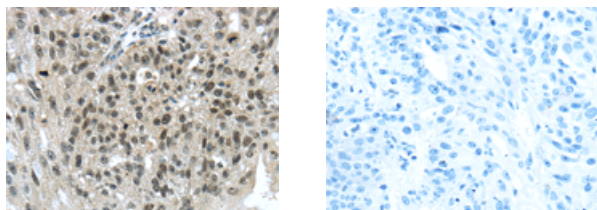
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml262360(TRIM24 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

### Western blotting

Predicted band size: 117/113 kDa

Positive control: 293T, 231 and lo2 cell

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

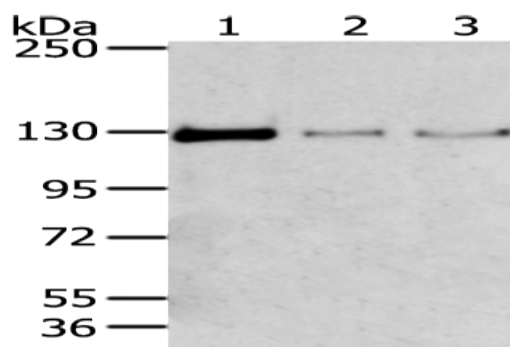
Lysate: 80 µg

Lane 1-3: 293T, 231 and lo2 cell

Primary antibody: ml262360(TRIM24 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



#### ELISA

Recommended dilution: 2000-5000

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