

## Anti-UBE2V1 antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml124135  |
| <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-UBE2V1 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB, IHC                         |
| <b>Immunogen</b>    | Full length fusion protein             |
| <b>Reactivity</b>   | Human, Mouse                           |
| <b>Content</b>      | 0.6 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>    | UBE2V1   |
| <b>Full name</b> | ubiquitin conjugating enzyme E2 variant 1      |
| <b>Synonyms</b>  | CIR1; UEV1; CROC1; UBE2V; UEV-1; UEV1A; CROC-1 |
| <b>Swissprot</b> | Q13404   |

### Target Background

Ubiquitin-conjugating E2 enzyme variant proteins constitute a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. The protein encoded by this gene is located in the nucleus and can cause transcriptional activation of the human FOS proto-oncogene. It is thought to be involved in the control of differentiation by altering cell cycle behavior. Alternatively spliced transcript variants encoding multiple isoforms have been described for this gene, and multiple pseudogenes of this gene have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (Kua-UEV), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.

订购热线: 4008-898-798

### Applications

#### Immunohistochemistry

Predicted cell location: Nucleus

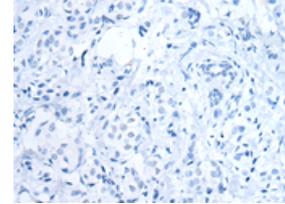
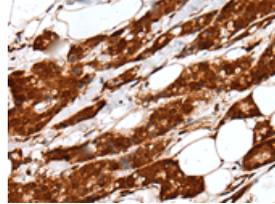
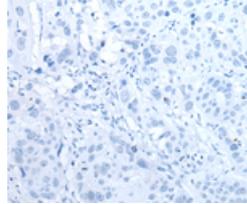
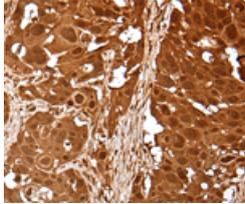
Positive control: Human esophagus cancer

Recommended dilution: 30-150

Predicted cell location: Nucleus

Positive control: Human breast cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml124135(UBE2V1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml124135(UBE2V1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

#### Western blotting

Predicted band size: 16 kDa

Positive control: HT-29 cell, Human fetal brain tissue, 293T cell, Mouse spleen tissue and Human spleen tissue lysates

Recommended dilution: 500-2000

Gel: 12% SDS-PAGE

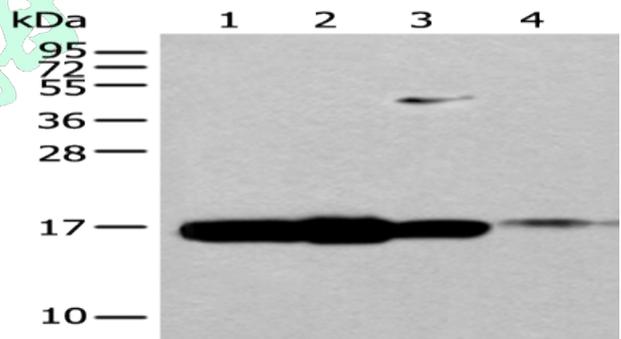
Lysate: 40 µg

Lane 1-5: HT-29 cell, Human fetal brain tissue, 293T cell, Mouse spleen tissue and Human spleen tissue lysates

Primary antibody: ml124135(UBE2V1 Antibody) at dilution 1/400

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

Exposure time: 1 minute



#### ELISA

Recommended dilution: 5000-10000

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