

## Anti-HSD17B12 antibody

<b>Cat. No.</b>	ml122502
<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-HSD17B12 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human HSD17B12
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.4 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>	HSD17B12
<b>Full name</b>	hydroxysteroid (17-beta) dehydrogenase 12
<b>Synonyms</b>	KAR; SDR12C1
<b>Swissprot</b>	Q53GQ0

### Target Background

This gene encodes a very important 17beta-hydroxysteroid dehydrogenase (17beta-HSD) that converts estrone into estradiol in ovarian tissue. This enzyme is also involved in fatty acid elongation. Catalyzes the transformation of estrone (E1) into estradiol (E2), suggesting a central role in estrogen formation. Its strong expression in ovary and mammary gland suggest that it may constitute the major enzyme responsible for the conversion of E1 to E2 in women.

订购热线: 4008-898-798

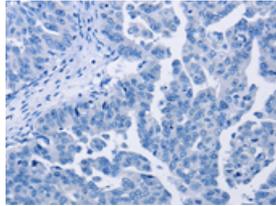
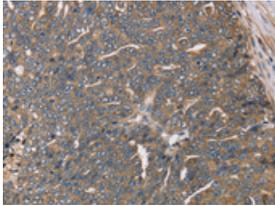
### Applications

#### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-200

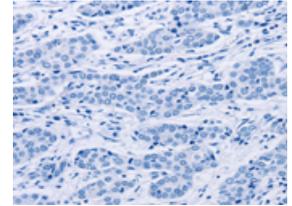
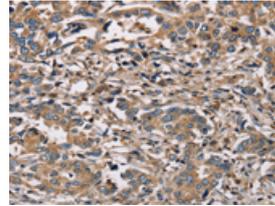


The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml122502(HSD17B12 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml122502(HSD17B12 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

#### Western blotting

Predicted band size: 34 kDa

Positive control: A375, hela and A172 cells

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

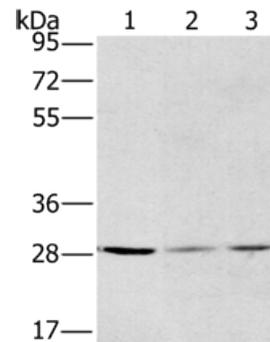
Lysate: 40  $\mu$ g

Lane 1-3: A375 cells, hela cells, A172 cells

Primary antibody: ml122502(HSD17B12 Antibody) at dilution 1/570

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

Exposure time: 30 seconds



#### ELISA

Recommended dilution: 1000-2000

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