

## HSD17B2 Polyclonal Antibody

**catalog number: E-AB-11304**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

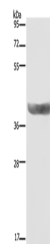
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human HSD17B2
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

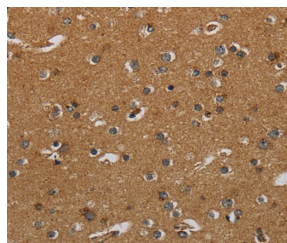
Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

### Data

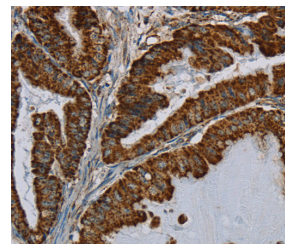


Western Blot analysis of Human fetal liver tissue using HSD17B2 Polyclonal Antibody at dilution of 1:300

**Calculated-MW:43 kDa**



Immunohistochemistry of paraffin-embedded Human brain using HSD17B2 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human esophagus cancer using HSD17B2 Polyclonal Antibody at dilution of 1:50

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

17 $\beta$ -HSD2 (17 $\beta$  hydroxysteroid dehydrogenase type 2) belongs to the 17 $\beta$ -HSD family of proteins that regulate the availability of steroids within a tissue. 17 $\beta$ -HSD2 converts active steroids to their inactive form through its oxidative activity. It is a key player in the inactivation of Estradiol and testosterone. Due to the effects that 17 $\beta$ -HSD2 has on the availability of estrogen, it has been extensively investigated for playing a possible role in breast tumor development, colon cancer development and the pathophysiology of endometriosis.

### For Research Use Only