

HSD17B2 Polyclonal Antibody

catalog number: E-AB-11304

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

Description

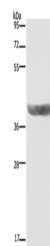
| | |
|---------------------|------------------------------------------------------------------------------------|
| Reactivity | Human |
| Immunogen | Recombinant protein of human HSD17B2 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

Recommended Dilution

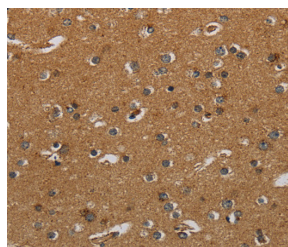
| | |
|------------|--------------|
| WB | 1:500-1:2000 |
| IHC | 1:50-1:200 |

Data

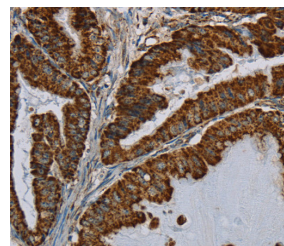


Western Blot analysis of Human fetal liver tissue using HSD17B2 Polyclonal Antibody at dilution of 1:300

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

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

Background

17 β -HSD2 (17 β hydroxysteroid dehydrogenase type 2) belongs to the 17 β -HSD family of proteins that regulate the availability of steroids within a tissue. 17 β -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 affects that 17 β -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.

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